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amateur

www.amateurphotographer.co.uk

Saturday 7 November 2009

# Photographer

**FULL  
LAB  
TEST**

**Canon  
EOS 7D**

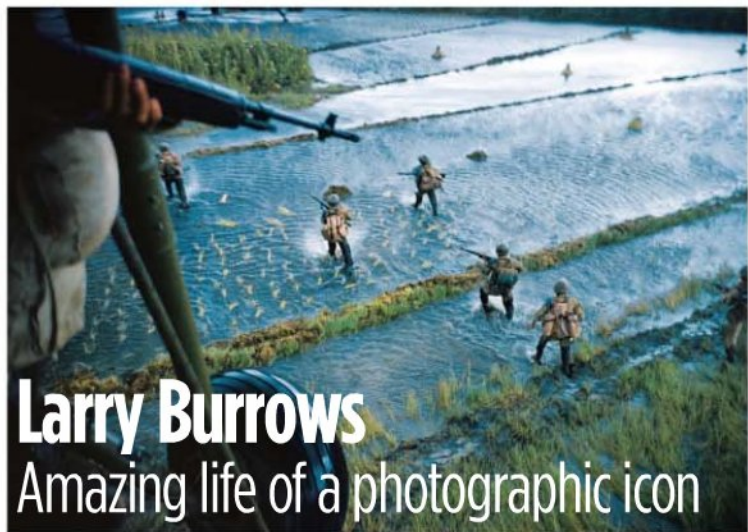
Who needs a professional  
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**Larry Burrows**  
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Amateur Photographer For everyone who loves photography

## Points of purpose



**Damien Demolder**  
Editor

There's a bit of a theme of 'purposeful photography' in the magazine this week. Larry Burrows used

photography to show the world what the war in Vietnam meant to those directly involved with it. Damien Drohan tells us about his project to document a theatre group in the build-up to a production. While Damien's purpose is to show the process, as an amateur the project also helped give his photography a purpose in its own right. The third point of purpose this week is the final round of our APOY competition. Entering competitions helps give enthusiast photographers purpose, as they pick up the camera with a specific aim in mind and a brief to work to.

Purpose is important in so many parts of life – and without it we'd do nothing and achieve nothing. Some people can create their own purpose, while others wait for an outside influence to deliver the purpose to their door.

The problem with purpose is that it can become overriding and swamp other requirements. It is possible to take a picture that fulfils a purpose perfectly, but without creativity a purposeful picture will never get noticed.

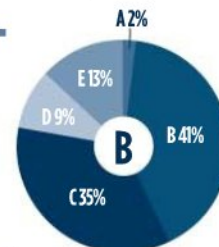
## Our question of the week

In AP 24 October we asked...

How old will your camera be when you replace it?

You answered...

- A 1 year old 2%
- B 2-4 years old 41%
- C 5-8 years old 35%
- D 9-15 years old 9%
- E 16 years or older 13%



This week we ask...

This year I have mostly used:

- A A film camera
- B A digital camera
- C Film and digital cameras in equal measure

**Vote online**  
[www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

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### Send us your pictures

To have your pictures published in Gallery, send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit [www.amateurphotographer.co.uk/apgallery](http://www.amateurphotographer.co.uk/apgallery) for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

subscribe 0845 676 7778

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COVER STORY

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**Do you have a story?**  
Contact Chris Cheesman  
Telephone 0203 148 4129  
Fax 0203 148 8130  
Email [amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com)

# News | Analysis | Comment | PhotoDiary 7/11/09

# News

**“The photographs give an authentic insight into the realities of life for the British soldier on Afghanistan's front line”**

Photos aid war wounded, page 6



Judge backs online photo rights | Check photo agreements, urges lawyer

## Photographer wins High Court rights battle

**AP RIGHTS WATCH**  
Committed to defending your photographic rights!

**A** RULING by a High Court judge concerning copyright of images stored online may have important ramifications for the photography industry, says a leading law firm.

The High Court in London ruled in favour of celebrity photographer Alan Grisbrook, who sued Mirror Group Newspapers (MGN) for infringing his copyright in archived images that were subsequently published in digital form for newspaper back issues.

Lawyers have urged photographers to seek written agreements over future use of their images after Grisbrook, a freelance, took legal action on realising that MGN was selling back copies of their titles, online, including the *Daily Mirror*.

The photographer had alleged that, by storing the images electronically and by communicating them to the public in this way, MGN was infringing his copyright.

Grisbrook, who had no written agreement with MGN

over the future use of his photos, complained that he had never consented to the inclusion of his images in the group's back numbers database or on their website.

In a previously agreed Consent Order, in 2002, Grisbrook expressly reserved his right to take legal action against MGN in respect of any future copyright breach. This followed a 1998 legal action by Grisbrook over unpaid licence fees that resulted in MGN agreeing to delete all electronic copies of his photos from MGN's systems.

In the High Court on 16 October, MGN claimed that the use of his images was in the 'public interest' and that the photographer's licence extended to back-copy editions archived electronically.

Commenting on the case, technology lawyer Tom Cowling, from Swan Turton, said that the ruling has 'potentially important ramifications for the photography industry'.

Cowling warned photographers to 'dust off your licence agreements and review your position'.

He added: 'Any photographer (or image library) who has licensed images to a newspaper



which, like MGN, now appears to be making back copies of their editions available online to paid subscribers, may well, following this case, have a claim in copyright infringement if their licence agreement did not clearly allow such use.'

Cowling advised all parties to confirm in writing the terms of the licence they obtain to avoid the risk of subsequent disappointment at the court's 'narrow interpretation of the licence' and avoid being sued.

Lord Justice Patten concluded: 'Although my decision is that the operation of the back number websites does not infringe Mr

**The *Daily Mirror*, the website of which is pictured here, was accused of re-publishing photos in the form of digitally reproduced back issues, without permission**

Grisbrook's copyright in his photographs, those rights can be adequately protected by a declaration to that effect.

'This is not a case where there has been any deliberate or conscious non-compliance with the [previously agreed] consent order and I do not therefore propose to take any further action in respect of the breach of the undertaking which it contains.'

**SNAP SHOT**

### Darkroom furor

As we went to press, UK darkroom equipment makers were up in arms following Ilford Photo's suggestion that the days of the traditional home-based darkroom are over. A spokesman for darkroom equipment importer Firstcall Photographic branded comments made by Ilford Photo sales director Steven Brierley, in an interview with AP, as 'fundamentally untrue' (see *News*, AP 24 October). For more on this see next week's *News*.

### Adobe beta

Photographers have been urged to provide feedback on Adobe Lightroom 3 following the release of a public beta version of the software. Claimed improvements with Adobe Lightroom 3 include 'more flexible online publishing options'. There is also improved noise reduction and sharpening. For details visit <http://labs.adobe.com/technologies/lightroom3/>.

### Tamron 'VC' 17-50mm

Tamron Japan is set to launch its 17-50mm f/2.8 Di II VC lens in a Canon-compatible version. A Nikon version of the VC (Vibration Compensation) lens containing a built-in motor went on sale in Japan in September. The AF 17-50mm f/2.8 XR Di II VC LD for Canon models goes on sale in Japan on 29 October. There is no word as yet on UK availability.

## Britain bags £60K photo prize

A PHOTOGRAPHER based in Britain has scooped the £60,000 jackpot in a competition that focused on environmental sustainability.

Nadav Kander's pictures beat nearly 3,000 images submitted by more than 300 photographers to win the Prix Pictet award for his series entitled 'Yangtze,

The Long River Series, 2006-07'.

The images document the changing landscape and communities of China's Yangtze River, from its mouth to its source.

Kander received the award from Kofi Annan, former United Nations Secretary General.

The competition theme was 'Earth'.



© NADAV KANDER



# PhotoDiary

A week of photographic opportunity

WEDNESDAY

4 NOVEMBER

**EXHIBITION** European Fields by Dutch photographer Hans van der Meer, until 28 November at Host Gallery, London EC1Y 0TH. Tel: 0207 253 2770. Visit [www.hostgallery.co.uk](http://www.hostgallery.co.uk). **EXHIBITION** Jane Brown: 100 Portraits, until 21 November at Kings Place Gallery, London N1 9AG. Tel: 0207 520 1485. Visit [www.kingsplace.co.uk](http://www.kingsplace.co.uk).



HANS VAN DER MEER

THURSDAY

5 NOVEMBER

**EXHIBITION** Myths and Fairytales by photographers Rupert Jessop, Hester Jones and Francesca Tilio, until 22 November at Viewfinder Photography Gallery, Linear House, Peyton Place, Greenwich, London SE10 8RS. Tel: 0208 858 8351. Visit [www.viewfinder.org.uk](http://www.viewfinder.org.uk). **DON'T MISS** Tar Barrels at Ottery St Mary, Devon (barrels lit and carried through the streets). Visit [www.tarbarrels.co.uk](http://www.tarbarrels.co.uk).

FRIDAY

6 NOVEMBER

**DON'T MISS** Two-day landscape photography course (6-8 November) by Nigel Hicks, based in Dartmoor, Devon. Tel: 01626 770 181. Visit [www.nigelhicks.com](http://www.nigelhicks.com). **EXHIBITION** The Make Up Artist, until 22 November at Annroy Gallery (owned by Rankin), 110-114 Grafton Street, Kentish Town, London NW5 4BA. Tel: 0207 284 7320.

SATURDAY

7 NOVEMBER

**EXHIBITION** The Who: In the Beginning, until 15 November at Proud Central, London WC2N 6BP. Tel: 0207 839 4942. Visit [www.proud.co.uk](http://www.proud.co.uk). **DON'T MISS** Digital Photography Workshop (£65) at Longshaw Estate (10am-4pm), Sheffield, Derbyshire S11 7TZ. Tel: 07764 952 029.

SUNDAY

8 NOVEMBER

**EXHIBITION** British Wildlife Photography at Nunnington Hall, Nunnington, near York, North Yorks YO62 5UY. Tel: 01439 748 283. Visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk). **DON'T MISS** Remembrance events across the UK.

MONDAY

9 NOVEMBER

**EXHIBITION** Sound Kapital: Beijing's Music Underground by Matthew Niederhauser until 15 November at Proud Camden, London NW1 8AH. Tel: 0207 482 3867. **EXHIBITION** Growing Up Black by Dennis Morris, until 23 January 2010 at Hackney Museum, Technology and Learning Centre, London E8 1GQ. Tel: 0208 356 3000. Visit [www.hackney.gov.uk/black-history-month](http://www.hackney.gov.uk/black-history-month).

TUESDAY

10 NOVEMBER

**EXHIBITION** Polaroid: Exp.09.10.09: photographers mark the final 'use-by' date on the last batch of Polaroid film. Runs until 28 November at Atlas Gallery, London W1U 7NF. Tel: 0207 224 4192. Visit [www.atlasgallery.com](http://www.atlasgallery.com). **EXHIBITION** Contact Sheets - A Closer Look, until 19 November at AoP Gallery, London EC2A 4QS. Tel: 0207 739 6669. Visit [www.the-aop.org](http://www.the-aop.org).



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## News



© ALEXANDER ALLAN

## Afghanistan images to aid war wounded

**P**HOTOGRAPHS captured by a soldier who risked life and limb on the front line in Afghanistan are set to help Britain's war wounded.

Captain (Rtd) Alexander Allan, a former Grenadier Guards officer, captured the pictures in Helmand Province during a six-month tour in 2007.

The images have now been put together in a book called *Afghanistan: A Tour of Duty*, profits from which will go towards the British Limbless Ex-Service Men's Association.

'Allan captured a number of unforgettable images of British soldiers sweltering in the heat, liaising with the locals, training the Afghan Army, fighting off Taliban

attacks and taking casualties,' said a spokesman for the publishers, ahead of the book's launch on 29 October.

'His feeling for his troops, the camaraderie, sacrifices and how they cope with what they have been sent to do is evident from every image. The accompanying words are by the soldiers themselves'.

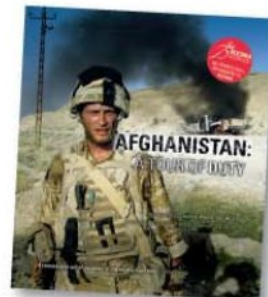
Commenting on his photos Allan, 29, said: 'Some people write prose, some poems, others are raconteurs telling their stories as best they can to an eager audience. These pictures are my diary; take from them what you wish.'

In his foreword to the book, former head of the Army General Sir Richard Dannatt said Allan's photographs give an 'authentic insight

into the realities of life for the British soldier on Afghanistan's front line'.

Allan has dedicated his book to Adam 'Goolie' Ball, who lost a leg while trying to save two Afghan colleagues.

*Afghanistan: A Tour of Duty* (ISBN 978-1-906507-39-8) is published by Third Millennium Publishing, price £12.99.



## Win a unique AP Leica M9

To celebrate AP's 125th anniversary, we are giving you the chance to own a bespoke '125th Amateur Photographer'-engraved Leica M9 camera, along with a Leica 35mm f/2 Summicron-M Asph lens, worth £6,765.

To enter the Amateur Photographer/Leica prize draw, simply collect six differently numbered tokens and fill in one of the forms published in AP 10 October (includes token 1), 24 October (includes tokens 2 and 3) or download it online at [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

(includes token 1). Token 5 is published here, while token 6 will appear in 14 November, token 7 in 21 November and token 8 in 28 November. Send your completed coupon and six tokens in an envelope to: Amateur Photographer/Leica Competition, 9th Floor, Blue Fin Building, 110 Southwark Street, London SE1 0SU. The closing date for receipt of completed forms is Friday 4 December 2009. Full details of the competition and a set of rules appeared in AP 10 October.





## SNAP SHOT

### D3x tattoo

In a bizarre move, an image of a Nikon D3x DSLR camera has been tattooed on a photographer's arm. Nikon camera enthusiast Manny Williams said he had become so infatuated with the D3x that he had one tattooed on his forearm, according to the technology website Engadget. 'Since using a Nikon product, I am convinced that I will never use anything else... ever again,' said Williams who has been a photographer for more than 25 years. For the full story visit [www.engadget.com](http://www.engadget.com).

### DSLRs are for girls

DSLR cameras have sparked a boom in demand among young women in a market 'once dominated' by men, according to sources in Japan. *Joshi Camera*, a Japanese photo magazine aimed at women, says its circulation has doubled in the two years since its launch. 'Girls always now carry DSLR cameras and shoot whatever subjects on the street that happen to appeal to them,' reports the respected photo industry newsletter, *Pen News Weekly*. 'At some high schools, female members of camera clubs have increased rapidly, now making up the majority,' adds the article.

### M9 dream

A photographer is selling T-shirts, thongs and other 'intimate apparel' in a bid to raise enough cash to buy a Leica M9 camera. Jarle Aasland says he has been overwhelmed by the public's response to the project, which he launched on his *Leicadream* website. 'I'd love to get a Leica M9, but it's an expensive tool [£4,850]. First, I'd have to sell a kidney, and then I would have a hard time convincing my wife that I really need a Leica rangefinder,' the US-based photographer wrote after shooting with the Leica M9 for a couple of days and becoming hooked. 'I'm not doing this for the money. I'm doing it to fulfill a dream,' he claims. Visit [www.leicadream.com](http://www.leicadream.com).



## UK honours in Wildlife Photographer contest



**A** UK teenager has been crowned Veolia Environnement

Young Wildlife Photographer of the Year – the second time a Briton has won the award in successive years.

Fergus Gill from Scotland secured the title with a dramatic image entitled 'Clash of the Yellowhammers' (see below left). He followed in the footsteps of last year's winner, Catriona Parfitt from Hampshire.

Fergus said he used a Nikon D300 DSLR for his winning shot, which was captured from a hide in his garden.

However, he had to wait two days to get the picture he was after – two male yellowhammers fighting over some oats that Fergus had placed in feeders nearby.

Also flying the flag for the UK this year was Sam Rowley, whose image of a red deer in Richmond Park won the 11–14 Years section.

Meanwhile, *Amateur Photographer* magazine reader Danny Green – also from the UK and a previous winner – triumphed in the Nature in Black and White

category with a photograph called 'Starling Wave'.

The overall Veolia Environnement Wildlife Photographer of the Year award went to Spanish photographer José Luis Rodríguez for his photo of an Iberian wolf (see left).

Among the category winners was Tom Schandy from Norway, who claimed victory in the Gerald Durrell Award for Endangered Wildlife with a photo captioned 'The look of a jaguar'.

Photographers this year faced huge competition after organisers received a record number of entries. Judges admitted they had a 'massive task' choosing the winners after photographers from 94 countries submitted 43,000 entries, marking a 33% increase on last year.

The best 100 images have gone on show at the Natural History Museum in London. To see more winning images, visit [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk).

The Veolia Environment Wildlife Photographer of the Year is owned by the Natural History Museum and BBC *Wildlife Magazine*.

## Camera raid is double blow to Essex store

THIEVES have escaped with more than 40 limited-edition SLR cameras from an Essex camera shop just eight months after the store last fell victim to burglars.

Ilford-based camera dealer David Leung was away on business when the culprits grabbed 40 limited-edition Minolta Dynax 7 cameras. Launched in 2001, the Dynax 7 'Limited' cameras cost around £800 each. The haul also included Canon power grips, conversion lenses, adapters and chargers.

'Not many of these Minolta limited-edition cameras were imported, and after all these years, new and unused ones should be unusual,' said David, who was away in Hong Kong and China sourcing

new camera equipment when the thieves broke in.

He added: 'In these difficult times I can hardly afford this happening once every few months.'

It is the second blow to hit the store this year. In February more than 25 Gold Mamiya RB67 Pro-S '50 Years Limited Edition' cameras were stolen, among other equipment.

The latest theft took place at the end of September, but details have only emerged in the past few days. David urges anyone who is offered the rare Dynax 7 cameras to email him at [davidshleung@msn.com](mailto:davidshleung@msn.com).

Alternatively, they can contact the Metropolitan Police on 0208 345 3436, quoting crime reference number '4422029/09'.



## Leibovitz behind Obama family portrait

PHOTOGRAPHER Annie Leibovitz was behind the first official family portrait to be released by President Barack Obama. Leibovitz captured the image on 1 September at the White House.

The news comes just weeks after AP learned that Leibovitz is set to receive the Centenary Medal along with an Honorary Fellowship at the upcoming Royal Photographic Society Awards.

Leibovitz hit the headlines

earlier this year when it emerged that she risked losing the rights to her lifetime's work.

Leibovitz had reportedly borrowed around £15m from New York firm Art Capital, using the rights to her photographic archive and the value of her properties as collateral.

She avoided losing copyright of her images after being given more time to pay off the loan.



## New gadget to beat wonky horizons

**A** TINY device that fits into the hotshoe of a DSLR, to help photographers keep their cameras on a level, has been launched by Seculine.

The Action Level Cross indicates horizontal level as well as vertical alignment, says UK distributor Intro 2020.

The £54.99 gadget uses seven coloured LED lights for each axis to show level data in a 'traffic-light sequence', going from red to green in the centre when the camera is level.

'This neat device will work in standard landscape mode as well as giving level information for portrait photography and when shooting directly, vertically, for skyscrapers or downwards for applications such as flat copy work,' said a spokesman.

Available separately is a



remote slave unit (£34.99), which is designed to enable photographers to use their camera at a low angle, or overhead, and see the level

information relayed from the unit on the camera.

For details call Intro 2020 on 01628 674 411 or visit [www.intro2020.co.uk](http://www.intro2020.co.uk)



### Faster Flash

Lexar has announced a new CompactFlash memory card that promises faster image transfer. The company claims the Professional 600x CompactFlash card has a minimum write speed capability of 90MB/s (when used with a UDMA 6-enabled device). The card is available in 8GB (£149.99) and 16GB (£219.99) capacities and, from December, in a 32GB version (price to be confirmed).

### LX3 boost

Panasonic has updated the firmware for its DMC-LX3 digital compact camera in a move designed to add improvements such as faster AF. Panasonic claims that firmware version 2.1 'makes it possible to speed up AF time to... approximately 0.5sec at the wide end'. Features also include a '1:1' aspect ratio as a new shooting option. To download visit <http://panasonic.jp/support/global/cs/dsc/>.



PETER WATSON



BOB DUNN



BARBARA HILL

## Projected images strike gold

THE Royal Photographic Society has announced the winners of its 2009 International Projected Image Exhibition Awards.

Gold awards went to Peter Watson (Open Slide), Kwong

Hui (Nature Digital and Barbara Hill (General Digital).

Their images will form part of the society's 2009 International Projected Image Exhibition Tour.

For details visit [www.rps.org](http://www.rps.org).

## ClubNews

AP's weekly round-up of club news from all over Britain

### Shillington & District Camera Club

The club, which is celebrating its 50th year, meets on Mondays, at 7.30pm, in The Village Hall, Hexton Road, Barton-Le-Clay, Bedfordshire MK45 4LY. Tel: 01525 634 316. Visit [www.shillingtoncc.org.uk](http://www.shillingtoncc.org.uk).

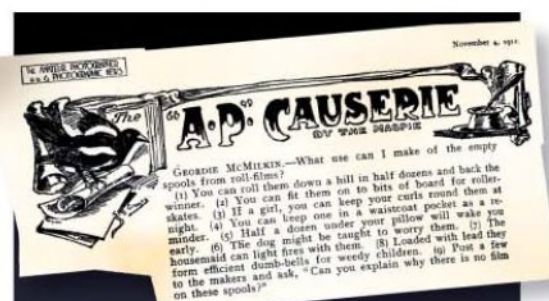
### Yardley Photographic Society

The society's annual exhibition takes place on 14 November at Sheldon Heath Community Arts College, Sheldon Heath Road, Sheldon, Birmingham B26 2RZ. Visit [www.yardleypys.co.uk](http://www.yardleypys.co.uk).

### Ware & District Photographic Society

Members stage a two-day exhibition from 28-29 November at Ware Arts Centre, Kibes Lane, Ware, Hertfordshire SG12 7ED. The show takes place 10am-5pm each day and will include more than 200 images, plus a Photoshop Workshop on each day. Visit [www.warepys.org.uk](http://www.warepys.org.uk).

Send club news to: [apevents@ipcmedia.com](mailto:apevents@ipcmedia.com)



### Amateur Photographer

This week in...

1912

In a light-hearted column, AP's 4 November 1912 issue addressed the burning issue of the day: what to do with empty spools from roll films. An AP staffer had a number of ingenious suggestions: '(1) You can roll them down a hill in half dozens and back the winner. (2) You can fit them on to bits of board for roller skates. (3) If a girl, you can keep your curls around them at night. (4) You can keep one in your waistcoat pocket as a reminder. (5) Half a dozen under your pillow will wake you early. (6) The dog might be taught to worry them. (7) The housemaid can light fires with them. (8) Loaded with lead, they form efficient dumb-bells for weedy children. (9) Post a few to the makers and ask, "Can you explain why there is no film in these spools?"'

## Lomo classic goes 'CMYK'

THE Lomographic Society has launched a 'CMYK' version of its retro-style, all-plastic Diana F+ film camera as a 'tribute to the four most important colours to print designers'.

The Diana F+ is a

flash-equipped version of the Diana+ that was launched two years ago as a 'recreation of the 1960s classic'. The Diana F+ CMYK costs around £84.

For details visit [www.lomography.com](http://www.lomography.com).



# Designed for the pro, inside and out

© Lowepro. All rights reserved. Image credit: Mark Watson



Introducing the Toploader Pro AW series: Toploader Pro 65 AW, Toploader Pro 70 AW and Toploader Pro 75 AW (pictured).



**Pro outdoor photographer Michael Clark shoots with our fast-access Toploader Pro™ 75 AW bag to capture every moment of the Wenger Patagonian Expedition Race.**

Michael Clark puts our new toploading bag through its paces in Patagonia. Thanks to Lowepro's industry-first 360° working All Weather AW Cover™, he had quick access to his gear—even with the cover on—during this intense, ten-day race.

Pictured above: Michael Clark on the very southern edge of the Brunswick Peninsula, during the 2009 Wenger Patagonian Expedition Race.

To learn more about Michael Clark's adventures in Patagonia and Lowepro's inventive design, as featured in the Toploader Pro AW series, please visit [www.lowepro.com/patagonia](http://www.lowepro.com/patagonia)

[www.journal-pizza.net](http://www.journal-pizza.net) & [www.freedowns.net](http://www.freedowns.net)



# Review



© KEN RUSSELL



## Book review

### 6 Billion Others

*Portraits of Humanity from Around the World*

By Yann Arthus-Bertrand in association with GoodPlanet. Abrams, paperback, 320 pages, £11.99, ISBN 978-0-8109-8383-0

For five years, French aerial master Yann Arthus-Bertrand and his team combed 75 countries, interviewing some 5,000 people about life's most fundamental questions – family, faith and happiness, to name a few. It was an incredible undertaking that has been somehow whittled down to the 500 interviews and portraits in this book.

Given the effort involved, its feel-good nature and that it is from the esteemed Arthus-Bertrand stable, this has all the hallmarks of a classic. Sadly, it falls flat. This is largely due to its identity crisis. Is it a book of portraits, or are the images secondary to the words, as in books such as the *Dispatches* series (see *Review*, AP 17 January)? While the interviews are candid, thoughtful and highly captivating, the pictures are too awful to ignore. The tight, poorly framed mug shots look as though they were taken in a photo booth in the back of a pick-up truck. Hyperbolic? Perhaps, but I was still shocked. It's a good read, though, and look out especially for Sunao's tale of surviving the attack on Hiroshima. **Jeff Meyer**





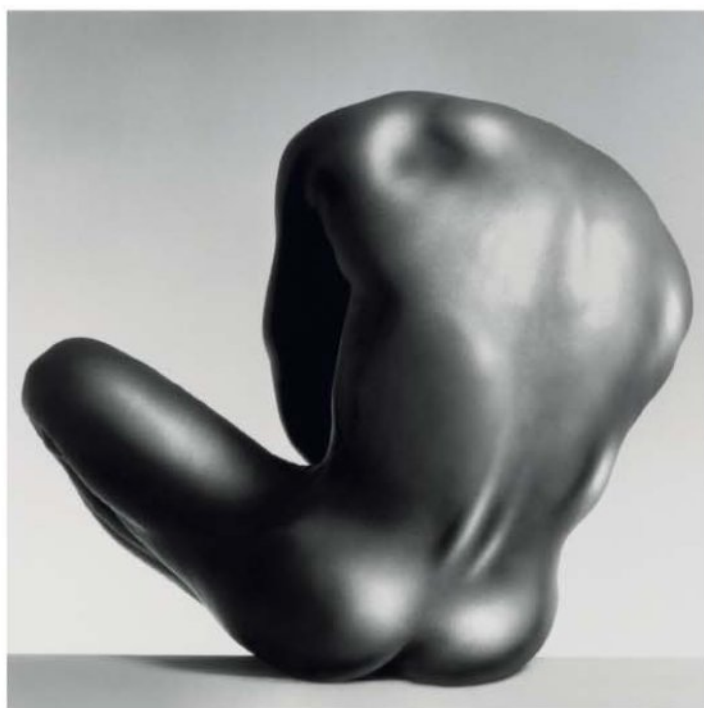


© LINDA LIEBERMAN

## Robin Bell's Silver Footprint

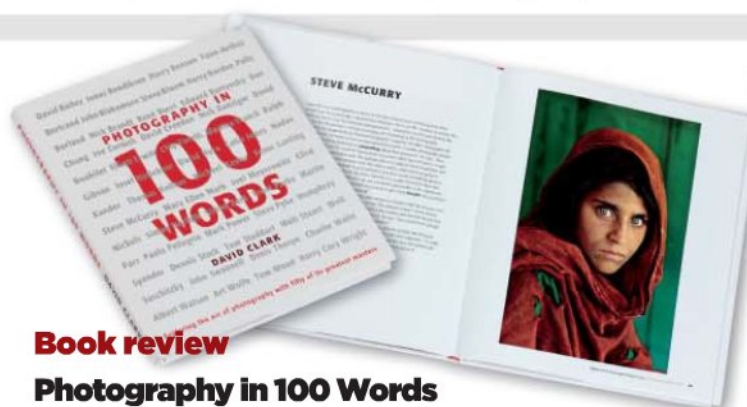
Until 28 November. Richard Young Gallery, 4 Holland Street, London W8 4LT.  
Tel: 0207 937 8911. Website: [www.richardyounggallery.co.uk](http://www.richardyounggallery.co.uk).  
Open Tues-Sat 10am-6pm. Admission free

If you missed Robin Bell's exhibition at the Independent Photographers Gallery in Battle, East Sussex (Review, AP 9 May), here's another chance to catch his remarkable black & white prints. Robin, who has worked as a master printmaker for more than 30 years, is exhibiting 60 of his favourite images throughout November. In his wide-ranging career, he has made prints for some of the most important photographers in the past few decades, including Lee Miller, Ernst Haas and Tom Stoddart, and images by all three



© PETER ARNOLD

are included in the exhibition. Eve Arnold, Don McCullin, John Swannell and Terence Donovan are a few of the other photographers whose work is also on display. From celebrity portraits to serene, undisturbed landscapes, insightful documentary images and elegant nudes, the images celebrate the enduring power of the silver-gelatin print. A catalogue of the images with accompanying anecdotes from Robin is published by Dewi Lewis Publishing and available to buy from the gallery. **Gemma Padley**



### Book review

## Photography in 100 Words

By David Clark  
Argentum, hardback, 128 pages, £20, ISBN 978-1-902538-57-0

Regular readers of AP will recognise David Clark as AP's long-time features writer who left the magazine last year to write books, but who still contributes to our *Icons of Photography* series. In his first offering, David has created a unique tome that works on a number of levels. Exploring the iconic photographs from 50 of the world's greatest photographers, he offers us insights into the images and how they were made. In the course of these interviews, David has highlighted two words spoken by each photographer that explain their techniques and thought processes. We learn that Martin Parr seeks 'ambiguity' in his images, for instance, while Martine Franck seeks the 'unexpected'. Over the course of the book these words build to form a sort of dictionary definition of photography and its many forms and functions. Our words for David's book: unique and compelling. **Jeff Meyer**



## <http://2009.photomonth.org>

If you are in London over the next few weeks and are hungry for some cutting-edge photography, cast your eye over the listings for this year's photomonth photography festival. The event, organised by Alternative Arts and now in its ninth year, is the largest photography festival in the UK. More than 150 exhibitions featuring the work of world-renowned and up-and-coming photographers are currently taking place across east London. Plus, there are artists' talks, workshops and tours. Notable forthcoming events include a book-signing session by Martin Parr at Rocket and a talk by photojournalist Phil Maxwell on 30 November at Amnesty International, in which he discusses human rights issues and photography. See the website for full listings. **Gemma Padley**





# Letters

Share your views and opinions with fellow AP readers every week



## Seal spotting

I thought AP readers might be interested in this picture of a seal that I took recently. The seal sleeps on top of the mooring buoy in the Fal Estuary in south Cornwall, just down the hill from where I live. It comes up the river at dusk, then leaps around like a dolphin or sea lion for a spell before popping up onto the buoy. It spins it around and acts the fool before sleeping there for the night. I spoke to someone at the National Seal Sanctuary and they said that they had never heard of anything like it.

It was hard to get a decent shot as the light was always poor, being dawn or dusk. I spent a couple of evenings hunkered down in a rowing boat, but by the time the seal came up the river the light was too poor and this was compounded by the rocking motion of the boat. I took this shot from the shoreline one morning before the seal left for the day.

**Matt Dale, Cornwall**



Are we to assume that the marks awarded are a measure of a camera's quality compared to all cameras regardless of cost, or is it only a measure against the immediate peers of a particular model? An explanation would be greatly appreciated.

**Peter Nicholson, Surrey**

**When we score the build and handling of a camera, we take into account the audience that it is intended for as novices usually have different requirements to enthusiasts. The Nikon D3000 has an excellent guide that helps less experienced DSLR users understand how to control the camera to get the results they want. While the K-7 has excellent build quality, its handling is let down a little by a slightly dated menu system, which cannot be customised or set to open to reveal the last feature that was accessed – Angela Nicholson, technical editor**

## Canon costs

I'm writing with regard to Damien Demolder's response to Ivan Strahan's letter, *Sky high*, in AP 24 October. His response to Mr Strahan's claim that Canon unfairly hikes UK prices was both unwarranted and patronising, particularly in light of one of AP's largest advertisers, Warehouse Express, listing the Canon PowerShot G11 in the same issue for the very same, 'disputed' £569 – not exactly the street price drop suggested by Damien when it hit the shelves. Even the retailer's addition of a few low-cost accessories (claimed to be worth £100) does not excuse the rip-off that Canon imposes on UK customers.

Canon has always inflated its UK prices, and Canon UK does not offer regular cashback deals, which might at least ameliorate the already large price discrepancy on UK products. Family members in the US regularly contact me about superb deals on all

## 21st century Britain

I walked to the village shop to get a paper recently. I passed a small group of bright-eyed children in their school uniforms waiting for the bus. I passed two young brothers swinging on their garden gate waiting for their lift to school. I passed a mother bundling her children into the family car before whisking them away to further their education. All of these goings on would have made superb photographs in their own right, as well as providing a record of life in 21st century Britain. Of course, this

being 21st century Britain, my camera remained firmly in my pocket.

**David Leatherdale, Lincolnshire**

## A puzzling issue

Although I understand that camera reviews cannot be totally objective, I am puzzled by an issue arising from two recent tests. The entry-level Nikon D3000 was awarded 9/10 for 'Build and handling' in AP 3 October, whereas the Pentax K-7 was only given 8/10 despite your praise for excellent build quality and handling in your review in AP 17 October.

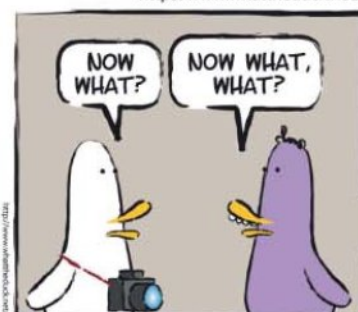
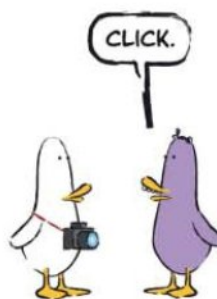
## Letter of the week

wins a 20-roll pack of 36-exposure Fujifilm Superia ISO 200 35mm film or a Fujifilm 4GB media card (in a choice of CompactFlash, SD or Memory Stick)\*



**FUJIFILM**

## What The Duck



Write to Letters, Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU  
fax to 020 3148 8130 or email to [amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com)

\* Please indicate whether you would like to receive Fujifilm film or a memory card (please state type preferred) and include your full postal address



## Right first time

I was dismayed to read Barney Britton's *Last resort* article on creating the perfect firework display in AP 17 October. It was yet one more example of the way in which advice on photographic technique is increasingly focused on post-processing, rather than how to get the image right in the first place. In my opinion, learning how to take a good photograph of a firework display is probably easier than learning how to convincingly execute Barney's pixel painting.

I attach a photograph of the bonfire at Brockham, near Dorking, taken using a DSLR. I gave up entering the image in club competitions, since nearly every judge marked it down because they said it was probably a composite, cobbled together on a computer. As the leading enthusiast's photo magazine, I think you owe it to up-and-coming readers to teach them 'real' photographic techniques, rather than Photoshop gymnastics. Perhaps we will then all get away from our monitors and start pressing the shutter button.

**Bernard Lockley, Surrey**

**I'm sorry you didn't enjoy my article, but it's important to note that the *Last resort* articles in AP are intended to serve a quite different purpose from the normal, 'traditional' photographic advice. They are, in short, intended to explain useful techniques for rescuing images that aren't quite there yet, or which have been marred by a failure of technique or unavoidable circumstance. These techniques are – literally – the 'last resort', and are not intended to be a substitute for more serious ground-up technique.**

**I quite agree that Photoshop trickery is no substitute, most of the time, for hard-learned expertise, but you will find content of this latter kind throughout AP, both in the features and technical articles. The fact is that there is a market for software techniques, just as there was a market for darkroom techniques some years ago. Today's arguments regarding the validity or otherwise of combining/faking images on a computer are much the same as those that I saw recently, when flicking through archive issues of AP. The only difference is that those Victorian gentlemen were discussing the veracity of the chemical, rather than electronic image – Barney Britton, technical writer**

photo brands – but they are for US redemption only! At current exchange rates, the PowerShot G11 is available from B&H New York (a US retailer) for £384. That is £185 cheaper than here in the UK.

I think it was wrong to suggest that a reader is misguided, and that somehow the prices are going to magically fall to US/UK parity in a few weeks. I think AP should be standing up for consumers in these credit crunch times – not defending the indefensible.

**Clive Routley, West Midlands**

**Thanks for your letter – and I take your point. However, these prices do drop as soon as all the retailers are supplied and the camera is in**

**circulation. Canon's suggested price is always way higher than what a product sells for, and while retailers are waiting for stock to arrive they list that same price. When all stores have plenty, the price drops – and it happens quite quickly. Plus, as Ivan says, we should expect to pay more than consumers in larger markets. Amazon UK already has the price down to £450, and high-street stores will follow suit very soon. Warehouse Express is now down to £499.**

**I'm not trying to stand up to or for anyone; I'm just reflecting what the market will do and advising readers that the prices they see now are not what they will have to pay – Damien Demolder, Editor**



## Back Chat

AP reader **T John Foster** asks whether an iconic image needs to be technically perfect

**W**HAT makes a great picture? It's a simple enough question, but one that will certainly produce a number of different answers. I started thinking about this question after seeing a television tribute to the magnificence of Henri Cartier-Bresson, a master of image portrayal beyond doubt. His work is spoken about with such dignity and praise, yet his approach was basically quite simple. Technique for him was no hindrance. Competence with his chosen equipment meant he could rely on mechanics almost through second nature and concentrate heavily on capturing his 'decisive moment'.

Full marks go to him and others for the quality of vision each has shown, but on the technical excellence front the harshest critics could have a field day. Unsharp images, dubious exposures and questionable camerawork add up to some iffy results.

But does that really matter? Does the power of the image portrayed overrule the need for high technical excellence?

The desire to find out more encouraged me to study what acknowledged picture experts have called the 'iconic images' of past decades. Sure enough, on a percentage count, more were great pictures on visual portrayal than by technical quality.

Scenes of horror from the Vietnamese war were epitomised in

**“Does the power of the image overrule the need for high technical excellence?”**

Nick Ut's famous shot of nine-year-old Kim Phúc, the naked girl who had torn off her clothes in agony after a South Vietnamese napalm attack (see AP 28 March). This numbing picture won a Pulitzer Prize for the message it conveyed.

You could argue the photographer had to rely on instinct to capture the moment's pain and that picture quality was always a minor consideration. The image is everlasting, though the picture quality is very low.

At a time of celebrating 40 years since a man landed on the moon, you can reflect on other great moments captured in history. But equipment was different then in comparison to the digital revolution and advances of recent times. Would Cartier-Bresson and others have produced technically better pictures given the chance to use what is freely available now? Or is capturing the moment whatever the gear still the only thing that counts?

Knowing the equipment you have, however expensive or technically advanced, is one thing. Knowing how to use it through second nature at the all-important 'decisive moment' in an age of instant transmissions is something else. A huge appetite for all-telling images of joy or horror increases demand for pictures across many frontiers. Judging by history, a great picture does not have to be technically perfect to succeed: it just needs undeniable portrayal power.



Your thoughts or views (about 500 words) should be sent to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication



**N**OT so many years ago, in fact only three and a half years ago, I made the jump to light speed and entered the world of digital imaging. Photography seemed more like a dice roll to me in those days than the precision execution it is now. Long bedtime conversations became empty debates that often left me wittering to myself in the dark. My other half was actually quite grateful I could 'nerd' her to sleep so quickly. Buying a Canon EOS 5D was the biggest risk I had ever made with any passionate endeavour. The decision was very tough, to say the least, and I would skim the pages of AP in nervous anticipation week after week, waiting for a price drop to lead my wallet to the shop, but believe me, this digital dilemma had nothing to do with waving goodbye to film.

I hate film. I learned virtually nothing but how to drive myself slowly insane with film photography and I will never use it again. I want to stamp on every last little cardboard box after ripping out the black tongues from each and every canister. It even says negative on the box! If that doesn't instil a lack of trust from the word go, then what does?

The whole film versus digital argument seems an age away, but where it used to fall apart for me was that, to do something with a slide and make something of my photography on the internet, the image had to be converted to digital. So I thought, why not cut out the middle-man? I emptied my fridge of Fujichrome Velvia, but seconds later I thought twice and put it all back in again. I actually considered that I might shoot film and digital side by side. Then, three days later, I learned more about photography than I ever had.

I was shooting film at Porth Joke beach, near Newquay in Cornwall. This is a narrow cove with an abundance of caves and rock pools. I like this location because it's mostly just a haven for surfers and no one else. You

# Photo Insight

Amateur  
Photographer  
Technique

**DAVID CLAPP** EXPLAINS WHY HE FEELS NO NOSTALGIA FOR FILM AND HOW LUCK IS JUST AS IMPORTANT AN ELEMENT IN YOUR IMAGES AS ANYTHING ELSE

get few families and tourists sunning themselves on this stunning sandy beach because of the pools, for one thing, but mainly because it lacks facilities or toilets. You can usually count on being the only person on this beach, particularly in autumn and winter, so you can compose your images at your leisure without fear of anyone strolling through your frame and spoiling that perfect picture... or so I thought.

I love beach scenes for a number of reasons: stunning sunsets; the minimalist nature of the sea and surrounding landscape; and the opportunities for creative compositional elements such as leading lines. I found all three of these in Porth Joke the afternoon I went and could hardly believe my luck.

Some distance behind the beach I found a grassy patch on an incline that gave me a slight overhead view of the tidal pools and allowed me to frame their diminishing trails as they empty back into the sea. On the horizon, just over the spot where the pools meet the sea, hovered a golden sun, radiating beautiful pinks and

oranges. It was too good to be true.

I'd set my lens to infinity and was about to press the shutter when a figure emerged in my frame. I did a double-take, and yes, some gent was standing right in the sweet spot of my composition. Annoyed, I lowered my camera and shouted at him to leave. He didn't hear me. I waited, but he just stood there. Finally, I just took the picture.

At that time in my film days I would routinely take off to the coast and think to myself, 'This time I am a photo machine'. I daydreamed of magazine-worthy images, filled with colour and vibrancy. I told myself to use the correct grad filters, spotmeter like a sniper and think every step of the way. Then I would inevitably find myself sitting in the photo lab car park looking at another disaster, shouting muffled expletives over the radio and hitting the horn while everyone looked out the windows for the sandwich van. I would then spend ages scanning and rescanning the best of the week's worst images. I used to warm up my Nikon Coolscan V like a life-support machine and digitally resuscitate those photographs.

I tried so hard back then to plan every single technical and compositional element of my images that I forgot about the power of luck. And this is what I learned that day on the beach at Porth Joke. Many of the best images are well thought through and expertly executed, but they also benefit from the luck of being in the right place at the right time. I was annoyed at the man in my frame because I hadn't planned on him being there, but when I viewed the picture later he not only added a sense of scale to the image, but also the lone silhouette marking a human presence in this desolate scene seems to further evoke the serenity of the environment.

## The AP experts

Each week, one of our team of experts of Steve Bloom, David Clapp, Tom Mackie and Clive Nichols will reveal the secrets behind one of their great images. This week it's David Clapp

**DAVID CLAPP Landscape**  
Our landscape and travel expert. Based in glorious south Devon, David is represented by seven stock agencies worldwide



Sometimes in those early film days, I nearly got it right. When I did, the pride I felt was absolutely wondrous, gazing through those protective clear plastic sleeves at a great set of exposures. Even though my hard step 0.9 graduated filter was pulled too low in the excitement, the spontaneity, timing and dusting of magic from this one image spurred me on like you wouldn't believe. For the first time I was sure of my potential, that I had captured something truly beyond my capabilities.

So even though I am now truly happy in my digital sphere, film got me going. To see those colours in my hands is something I will proudly say I took with me into the digital world. It is the subconscious basis of my alterations and still remains the definition of a successful photograph for many of us, I am sure.

I miss those regular consignments of padded envelopes filled with green boxes from Guernsey. How that rubber band and paper customs declaration never came off in the post is beyond me. **AP**

To see more pictures by **David Clapp** visit [www.davidclapp.co.uk](http://www.davidclapp.co.uk)

## How to get to Porth Joke

Porth Joke is about four miles from Newquay. Proceed along the A30, and a few miles past Zelah (if travelling from the south) or Carland Cross (if travelling from the north) take the B3285. Continue on this road to Goonhavern and then turn right onto the A3075. After about 3 miles turn left onto the road for Crantock village. Drive past Crantock and turn left onto the road to Treago Farm. Drive through the farm and follow the track until the National Trust car park (note that at Treago Farm there is a gate across the track which you will need to open and close). Alternatively, drive to West Pentire, park there and walk the coast path to Porth Joke.









## A great story inspires passion.

For pro photographer Richard Walch, the EOS 5D Mark II is the perfect camera to match his passion. It incorporates a 21.1 MP Full-Frame sensor, Full HD video and ISO ranges up to 25,600 to give him all the creative possibilities he desires.

Visit [www.canon.co.uk/takestories](http://www.canon.co.uk/takestories) and follow Richard to learn how you can combine still photos with HD video to enhance your own story.



**EOS**  
**5D**  
**Mark II**

take more than pictures.  
**take stories.**

**Canon**



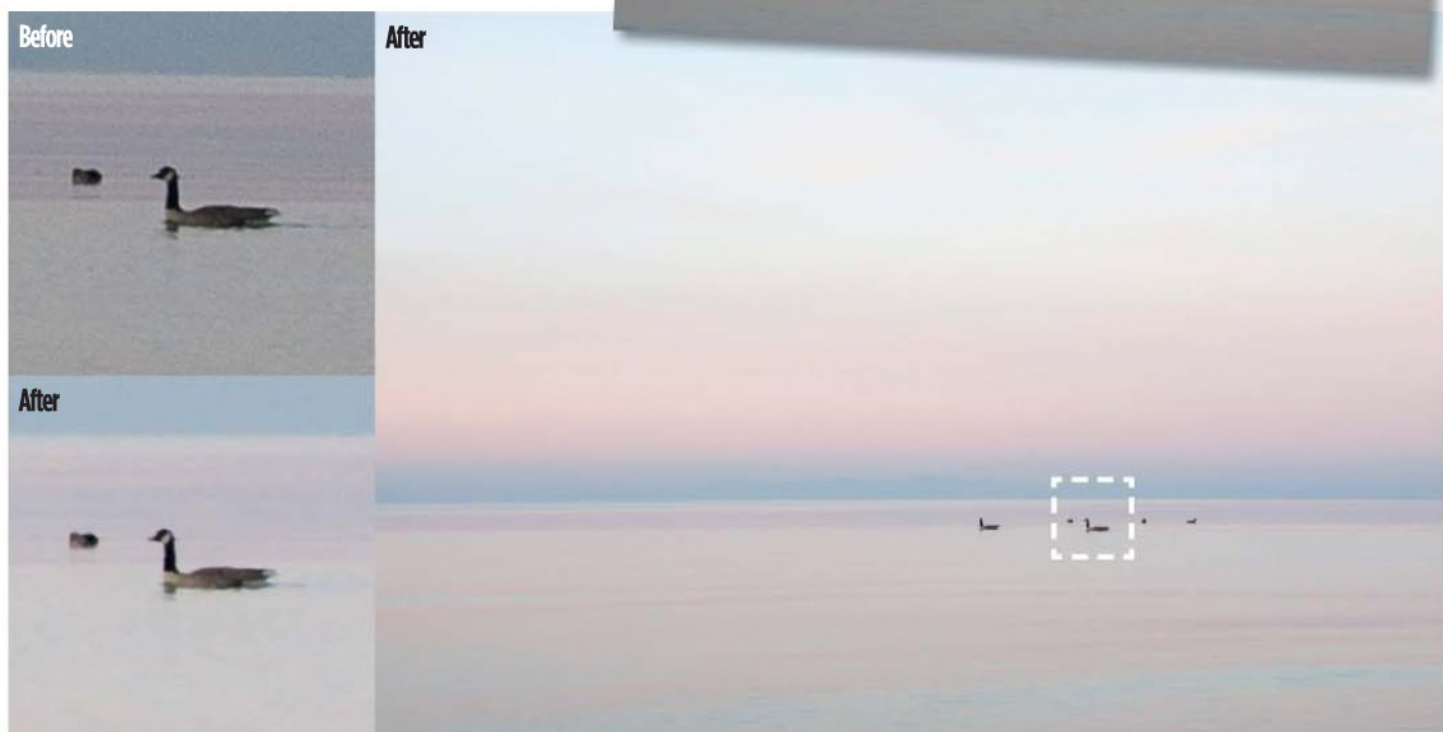


you can



Amateur  
Photographer  
Software  
solutions

Sharpening images can exaggerate image noise. **Richard Sibley** explains how to use Adobe Camera Raw to soften noise but keep edges sharp



# The last resort

## Before you start

**Software**  
Adobe Photoshop, Photoshop  
Elements or similar software

**System requirements**  
Windows PC or Mac

**Skill required** ●●●●●

**Time to complete** 20 minutes

## Technique explained

### Softening noise in images at dawn

**D**URING a recent trip to Vancouver in Canada, I decided to take advantage of the fact that jetlag was causing me to wake at 5.30am and use the time to take some photographs. As I was staying in White Rock, a small coastal town about 30 miles south of Vancouver and just a mile from the US border, I would wake

up and head straight to the beach for sunrise.

As I hadn't expected to take many low-light images on the trip I didn't have a tripod with me, so most of my dawn shots were taken at a high ISO sensitivity of around ISO 800. As a result, most of them are a bit noisy. Thankfully, the images taken looking across the bay, with the US mainland

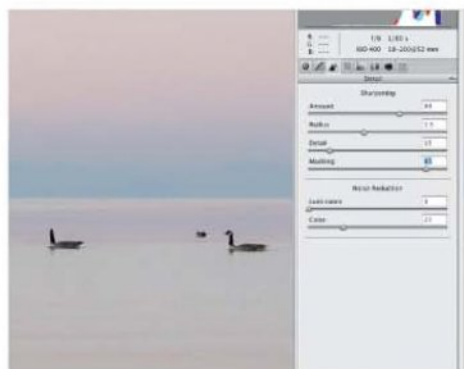
in the background, contain very little detail as they are mainly a study of the light and colours of dawn.

However, using Adobe Camera Raw, either in Photoshop or Elements 7, it is possible to sharpen the edges of the geese, while at the same time using the Sharpening and Clarity tools to reduce the luminance noise and smooth the image.

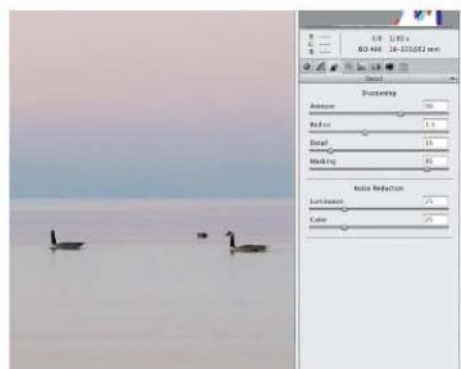


# Smoothing an image to reduce noise

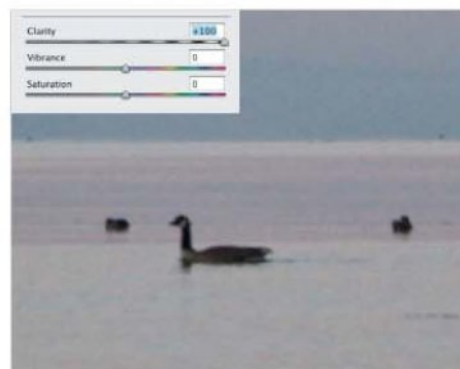
Soften the noise in your images while keeping the edges sharp



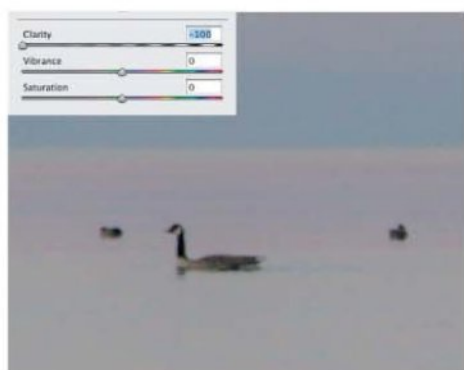
**1** The first step is to use the sliders to perform a basic sharpening of the image. In this case the aim is to sharpen the edges of the geese, but without emphasising the luminance noise. To do this I have reduced the detail sharpening and increased the masking. For more information on the role of each of these settings, see *Camera Raw Sharpening* below.



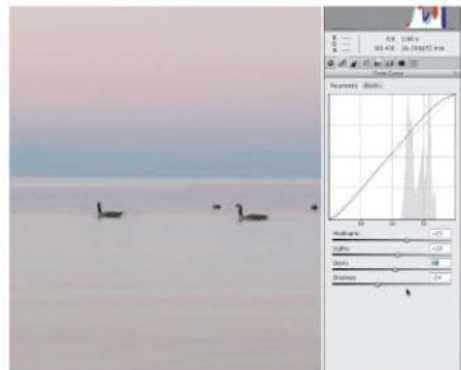
**2** I have left the Colour Noise reduction at its default 25 setting, and have moved the Luminance Noise reduction to 25. This should just take the edge off the speckled noise.



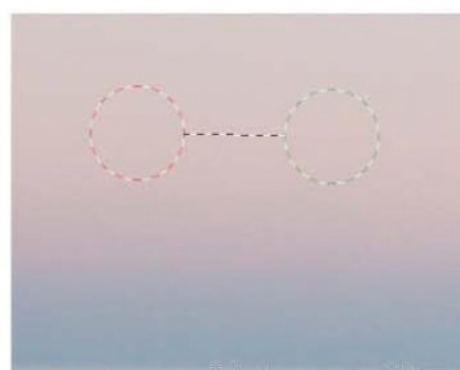
**3** Adobe Camera Raw's Clarity slider adjusts the local contrast in an image. Setting the slider to +100 creates a lot of local contrast, which accentuates image noise and makes an image look grainy.



**4** Setting the slider to -100 has the opposite effect. It reduces local contrast, which smooths differences between pixels. As a consequence, this helps reduce image noise, particularly luminance noise, which may have been accentuated by sharpening the image.



**5** I chose a setting of around -40 Clarity to soften the noise and the tones in the image, but without destroying all the detail. I have also adjusted the tone curve by lifting the midtones and highlights to lighten the image, and by darkening the shadows to make the geese more silhouetted and appear sharper.



**6** Finally, to complete the image, I have used the Spot Healing brush tool to spot out the small black marks that are actually geese and ducks near the horizon. This is purely to make the image look a little tidier.

## Camera Raw Sharpening

Most people can achieve good results simply by playing with the sliders until they get a look they are happy with, but it does help if you have a basic knowledge of what each slider does. When using the Sharpening sliders, hold down the Alt key as this will show the effect of the adjustment in the preview window.

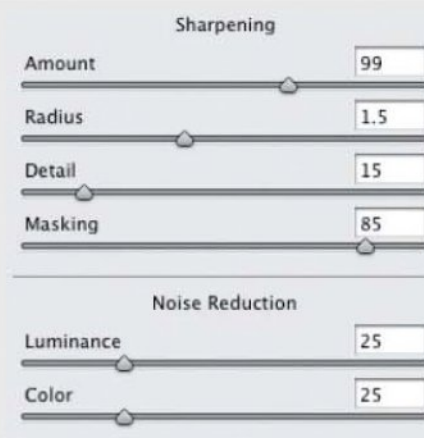
**AMOUNT:** The amount of sharpening.

**RADIUS:** Sharpening takes place on the edges in an image. The radius controls how large an area around

each edge is affected. Setting the slider to 1.0 or lower helps sharpen fine details. As the Radius is increased the area around the edge that is sharpened is enlarged, which can cause 'halos' and oversharpen areas of fine detail.

**DETAIL:** This setting suppresses the 'halo' effect that is created by using a higher radius setting. Setting Detail to 0 reduces the sharpening effect. If you have an image with fine details, a setting of around 25-40 should be suitable.

**MASKING:** This option controls which areas sharpening is applied to. With no masking, sharpening is applied to the entire image. The more it is increased, the less it is applied to large 'flat' areas, leaving it only applied to distinct edges. This is especially useful in an image such as the one here, or for a portrait. In these situations you only want the sharpening visible in the strongest edges in the image.







# Making a picture story



Irish photographer **Damian Drohan** tells **Jeff Meyer** how sometimes the best picture stories can be found close to home, even on a small island in Cork Harbour

**P**ICTURE stories have taken us through the backstreets of skid row, the battlefields of Europe and far across the deserts of Africa. They've challenged and inspired us, and even motivated us into action. The great ones, though, get us to look more closely at something less obvious to the casual observer, and these can be found as far away or as close to home as you dare to look.

Earlier this year, photographer Damian

Drohan (see *Gallery*, AP 12 September) was completing a Master's degree in photojournalism and documentary photography at the London College of Communication when he became inspired to explore the world of amateur theatre. He'd seen so many of the clichés that appear in theatre photography, such as the exaggerated expressions and the faux emotions, that he wanted to document the 'real' moments that fill the gaps between rehearsals















**Damian made weekly edits to his pictures, looking for any emerging themes or motifs, as well as any gaps in his subject matter**



and productions, when actors stop acting and start being themselves.

Using some family connections, Damian, 40, got to meet the director of the Haulbowline Theatre Group, which was founded in 1963 and has since put on some 107 productions from its unusual location on the grounds of a naval base on a small island at the mouth of Cork Harbour in Ireland. From March to June of this year, Damian visited the group between one and three nights a week to follow their rehearsals and opening night of the farce *Not Now, Darling*.

For Damian, taking pictures started as 'an antidote to a boring and unsatisfying career as a food scientist.' Now, some 15 years later, he's traded one lab kit for another and teaches photography in County Cork, Ireland. The art of telling a story through pictures, he says, lies in preparation, careful editing and maintaining your confidence and motivation.

### Find an idea

Settling upon a clearly defined idea with a diversity of picture potential is the first step towards creating a powerful picture story. 'My tactic is to keep a notebook handy in which I can jot down ideas,' says Damian. 'Magnum photographer David

not be in the actors' way. Good manners and politeness go a long way.'

### Planning and taking your images

Before his first shoot, Damian read the play so he would know when someone would burst through a door or when two people would be on stage together. Then he made two lists: one outlined the different types of shots he thought he might come across, and the other listed categories of images he wanted to capture. He learned this structure from the documentary photography course at the University of Wales, Newport. Generally, Damian says, the best photo essays will show a person at work, a spontaneous moment, a portrait, a candid shot revealing your subjects' personal interactions and still-life shots.

'That was my broad template,' says Damian, 'but you have to keep an open mind as well. During my first night with them I had no idea what to expect. I brought one camera body, several lenses and a tripod. I used the first sessions to sound out the rhythm of the play and ascertain when things happen. I quickly dispensed with the tripod after the first night because it was impractical.'

In the beginning, Damian says he looked more for specific types of pictures to fit his list of categories, but as he went on he found



“The best photo essays will show a person at work, a spontaneous moment, a portrait, candid shots showing personal interactions and still-life shots”

Hurn then recommends asking yourself what you're interested in and narrowing down your list in that way. Next, eliminate those that are geographically impossible or visually difficult to express and that will work better with words. When I was considering the theatre group's preparation for *Not Now, Darling*, I thought the lighting and interactions on stage and within the close confines of the backstage rooms would work well in pictures.'

### Approach your subjects

In Damian's case, getting permission to shoot the Haulbowline Theatre Group wasn't too difficult. His mother-in-law is in the group and acted in the play. She had a word on his behalf, and then the director asked Damian to contact him directly. In exchange for access to their rehearsals, Damian promised the director he would take some production shots for the group.

'Being amateurs, they don't have a budget for such things, and this offer made them fairly open to the idea of me hanging around their theatre for three months,' he says. 'They agreed, so I set aside one evening and brought over some studio lights and took professional shots of the actors on set. Sometimes making a barter like this can help you get the access you need to make your photo essay. I also made a point of asking the director where I could stand and

that he was already getting shots that fulfilled his criteria. 'If you have a broad plan but are open to change when you go about doing it, everything falls into place,' he explains. 'Having categories allowed me to go into an unfamiliar situation and put some structure into what I was doing, but I slowly abandoned that formal structure, only to come back to it at the end when I made my edits.'

Damian began his project shooting film with a Nikon F5. He'd shoot about four rolls of 36 exposures and 'liked the discipline' of contact sheets, which allowed him to view his pictures in sequence and review them in relation to the others. However, he soon realised he couldn't develop and scan the film fast enough to meet his needs and decided to switch to his Nikon D200.

Initially he had shot both colour and black & white film, but after shooting a roll of colour it became clear he needed to shoot in black & white. 'I think colour works if you want to convey certain emotions, but I was looking for the best way to get viewers into the story,' he says. 'After looking at the backgrounds, the light and colour scheme of the theatre, I thought black & white would work better.'

The stage is quite small, he recalls, and the room seats about 120 people. In the beginning, Damian had the run of the auditorium, dressing rooms and stage, so there was plenty of room





in which to work, but as the set was built, certain areas became blocked off and this restricted his access.

'I learned to work with what I had and did a lot of shooting through gaps. I was in the dressing rooms mostly at the end,' he says. 'And the longer the play went on, the more technical the lighting became. Because of this I didn't use flash, only ambient light. I wanted to remain unobtrusive, and on the one occasion I tried to use flash it completely killed the atmosphere in the images. I've always found that on-camera flash gives very flat lighting, and there was a dearth of white surfaces in the theatre to try to bounce it from. So to compensate for the low light, I used fairly fast lenses: a 50mm f/1.4, an 85mm f/1.8, a 28-70mm f/2.8 and a 35mm f/2. I also have a 15-30mm lens, which is a little slower on aperture, and on the occasions when I used that I upped the ISO on my camera. I generally shot at about ISO 800 both on film and digitally, occasionally pushing it up to 1600.'

## Editing

For the first couple weeks while working on a picture story, the subject matter is new and you feel a need to shoot everything, says Damian, but eventually you will start to see certain motifs and themes emerge as you

the bad ones. Next, I went into Loupe mode and flicked through them quickly. I gave possible contenders two or three stars and non-contenders no stars. Then I set it so I could only see my starred images. Eventually I got it down to 500.'

At this point Damian split his remaining images into folders named after each of his original categories, which were Portraits, Dressing Room, On Stage, Backstage, Interaction, Person at Work, On the Boat, The Audience and Details. 'If I hadn't had the structure of these categories, I would never have finished it,' he admits.

After slotting his final 500 images into these categories, Damian went through them individually and looked for doubles of the same shot and emerging themes. Repetition, with the constant cups of tea, became one such theme, which helped to emphasise the procedure and repetitiveness of putting on a play.

This edit cut his number to 160. 'At that point I started ignoring the categories and was pulling my hair out,' he says. 'You always have some images that were difficult to do – they may have taken an hour to occur or for you to talk someone into it. You have an emotional attachment to these. Years ago I had a college tutor who taught me to use quiet images next to dramatic images to establish a pace, and to make sure every

**I focused on the frayed nerves and human touch. To be a good documentarian, I think you need to look for those moments**

review your images. Damian made a point of making weekly edits of his work, comparing his recent set to the previous weeks' images. He would study his subjects for motifs, but mostly he was looking for gaps. If he had concentrated on portraits heavily one week, he told himself he would try to take more action shots the following week.

'Something I noticed early on were lots of images of people drinking tea,' Damian recalls. 'I thought to myself that if I do more of these, then they need to be drastically different. I also took a lot of stage interactions, as I found I could split the frame vertically by using the curtain. I took a number of shots of the director, who is very animated and vocal. He commands your attention, so I realised I needed to look around more at other cast members.'

From the outset, Damian told himself he would have an approximate edit of 25 images in his final essay. Unlike other picture stories, a play has an imposed deadline, so knowing when to stop was never a problem. As the deadline neared, though, Damian's image-taking accelerated, culminating in a 400-frame barrage on the final night.

'I had 1,900 images in total by the end, which was overwhelming,' says Damian. 'I opened them in grid mode in Adobe Lightroom so it looked like a contact sheet, and the first thing I did was check them for sharpness and exposure, and then delete

photo has a reason to exist in the story. At the end of the day, no one cares about how difficult a picture was to take – it needs to advance the story.'

Damian then left the images for a few days and revisited them with new eyes. 'I finally printed them out and looked at them all on my floor,' he says. 'I was removing images from the final selection and putting others in sequence at the same time. I'd walk around the pile and take one out and swap it back in until enough was enough. I knew I had to stop otherwise I'd never finish.'

He ended up with 48 images, which is just under double what he'd originally intended. 'There was a particular sequence towards the end where the director and the guy who sells tickets at the door were having a heated discussion about social issues,' Damian recalls. 'I was watching them for a while and they were getting more and more animated. I took about 40 shots of them from different angles and ended up with a massive sequence that I narrowed to three.'

'My story moved away from "this is just a play" to "these are people who have other interests", as I focused on the frayed nerves and human touch. It's important to include those. To be a good documentarian, I think you need to look for those moments. The quieter images showing little gestures or people sharing a joke – they give a story heart.' **AP**







Clashing colours and dramatic directional lighting in the theatre convinced Damian that his picture story would work best in black & white





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# Round ten Low Light



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# APOY 09

## AMATEUR PHOTOGRAPHER OF THE YEAR COMPETITION

**A**S the year winds down and the days become shorter, it seems only fitting that for our final round of APOY we should ask you to explore the magical qualities of low-light settings. Longer exposures and soft, glowing light have an inimitable way of transforming even the most average scenes into otherworldly delights.

Perhaps more than any previous round, Low Light asks you to think more closely about how both light and your camera function. It's been a great year of APOY, and we've seen some fantastic images. We have no doubt we'll see plenty more in this round and when the next APOY competition begins in February next year. Thank you all for your efforts and we look forward to seeing you again in 2010.

As always, we would like to remind you that you must include your address and details of your image in your email entry so we can judge your photograph accurately. Without your address and other contact details, we cannot reach you in the event that you win.

In association with  
**Canon**

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via email**

For full details of how to enter via email visit  
[www.amateurphotographer.co.uk/apoy09](http://www.amateurphotographer.co.uk/apoy09)



# Round 10 Low Light

Low light can at first seem like a photographer's nightmare, but with an open mind and an even wider aperture those pre- and post-golden hours can prove to be a creative goldmine for imagery. Working at slower shutter speeds and high ISOs is always daunting as you run the risk of camera shake and noise, but the great thing about low-light photography is its element of surprise. Low-light photography throws conventionality out the window, as you never quite know exactly how a picture will turn out. Low-light settings are thus great opportunities to experiment with your camera.

If landscapes are your forte, you could grab your tripod and capture the warm colours of sunrise and sunset. You might try a soft, dark portrait or an abstract still life. Likewise, birds are known for their early hours, and crepuscular mammals can make interesting subjects as they go about what is their day. Traffic, city lights, star trails and road crews... there are myriad subjects at your disposal.

To help get you started, we've listed some things to remember (see right).

## Plan your APOY year

Below is a list of this year's rounds, a synopsis of what we're looking for and the dates they will be announced. When you are planning your entries for each round, remember to take into consideration the criteria of fulfilling the brief, creativity and technical excellence on which you will be judged.

Theme	Synopsis	Announced	Closes	Results
Leading Lines	Lead me in	14 Feb	6 March	28 March
On The Street	Candid life	7 March	27 March	25 April
Outdoor Portrait	Get out of the house	4 April	30 April	30 May
Plant Life	Artful vegetation	2 May	29 May	27 June
H <sub>2</sub> O	Features and functions	6 June	26 June	25 July
Looking Closer	The finer details	4 July	24 July	29 Aug
Bold Colour	Complements and clashes	1 Aug	28 Aug	26 Sept
Reflection	Double or nothing	5 Sept	25 Sept	31 Oct
From A Low Angle	New views from the ground up	3 Oct	30 Oct	28 Nov
Low Light	Inside or out	7 Nov	27 Nov	19 Dec

### ISO

When working in low light you will need to somehow account for the lack of ambient light. Perhaps the easiest way is to increase the sensitivity of your camera's image sensor by setting a higher ISO. On your DSLR, anywhere between ISO 400 and 1600 should give you more flexibility to shoot handheld without any supplementary light. Another option is to use flash, but remember that subtlety, as always, is key. Try putting your flash on its slow-sync setting so your flash fires briefly to light your foreground and take in ambient lighting from the background for a more natural, even exposure.



JEFF MEIER



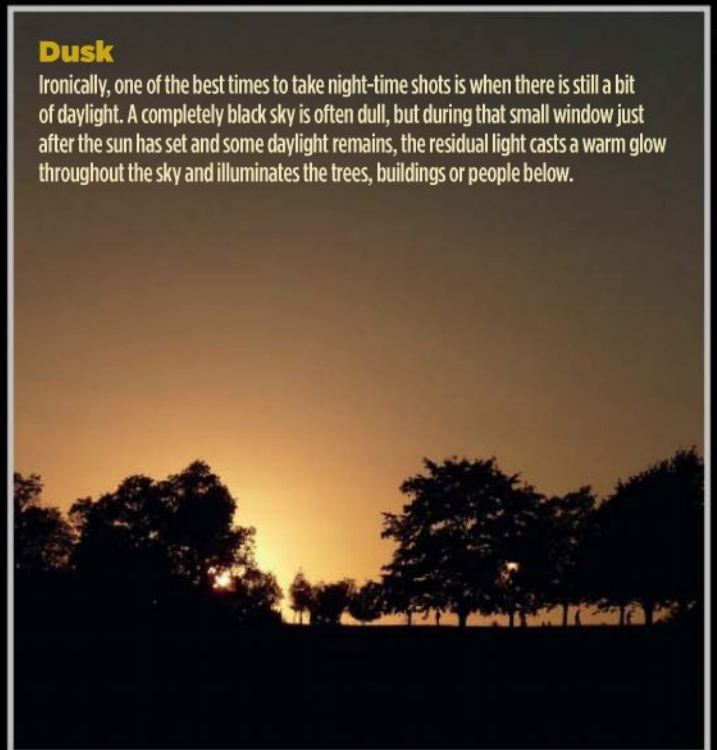
JEFF MEIER

### Lens and aperture

The wider your focal length, the longer you will be able to handhold your camera. The general rule is that the slowest shutter speed at which you can handhold will match your focal length. For instance, this street scene was shot at a focal length of 28mm and handheld for 1/30sec. And, of course, the larger the aperture you can use at longer focal lengths, the faster the shutter speeds available.

### Dusk

Ironically, one of the best times to take night-time shots is when there is still a bit of daylight. A completely black sky is often dull, but during that small window just after the sun has set and some daylight remains, the residual light casts a warm glow throughout the sky and illuminates the trees, buildings or people below.



JEFF MEIER



# 1st prize

Our first-place winner will receive Canon's 15.1MP EOS 500D, worth £789.99. The lucky winner will benefit from continuous shooting at up to 3.4fps with up to 170 JPEG burst, as well as nine-point AF and a high ISO of 12,800, making it ideal for low-light conditions. The EOS 500D boasts a 3in Clear View LCD with Live View mode and the ability to record High Definition videos. The winner will also receive Canon's EF 28mm 1.8 USM, worth £539.99. With a 75° diagonal angle of view, it can provide excellent background blur or sharpness edge to edge.



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# 2nd prize



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Our second-place winner will receive Canon's Pixma Pro 9000 Mark II printer, worth £499. The Pixma Pro 9000 Mark II produces professional-quality prints at sizes from 10x13cm up to A3+ and 14x17in with Gloss, Matte, Fine Art, Canvas and Board support. Its eight inks allow for a wide colour gamut, while the printer's Ambient Light Correction function ensures you get the results you want. Included is a packet of Canon's PT-101 A4 Photo Paper Pro Platinum paper, worth £15.99.

# 3rd prize

Our third-place winner will receive the 12.1MP Canon PowerShot A1100 IS, worth £159, which uses Scene Detection, Face Detection and Motion Detection to optimise settings and ensure great results. Other features include a 4x optical zoom, DigiC 4, VGA movie capability and a 2.5in LCD with and optical viewfinder for framing shots.

Worth  
£159  
RRP



# APOY 09

In association with  
**Canon**

## AMATEUR PHOTOGRAPHER OF THE YEAR COMPETITION

### Entry form

After you've read the rules, send your entry to:  
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PLEASE USE BLOCK CAPITALS

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Surname

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Email address

Picture details

Camera

Lens

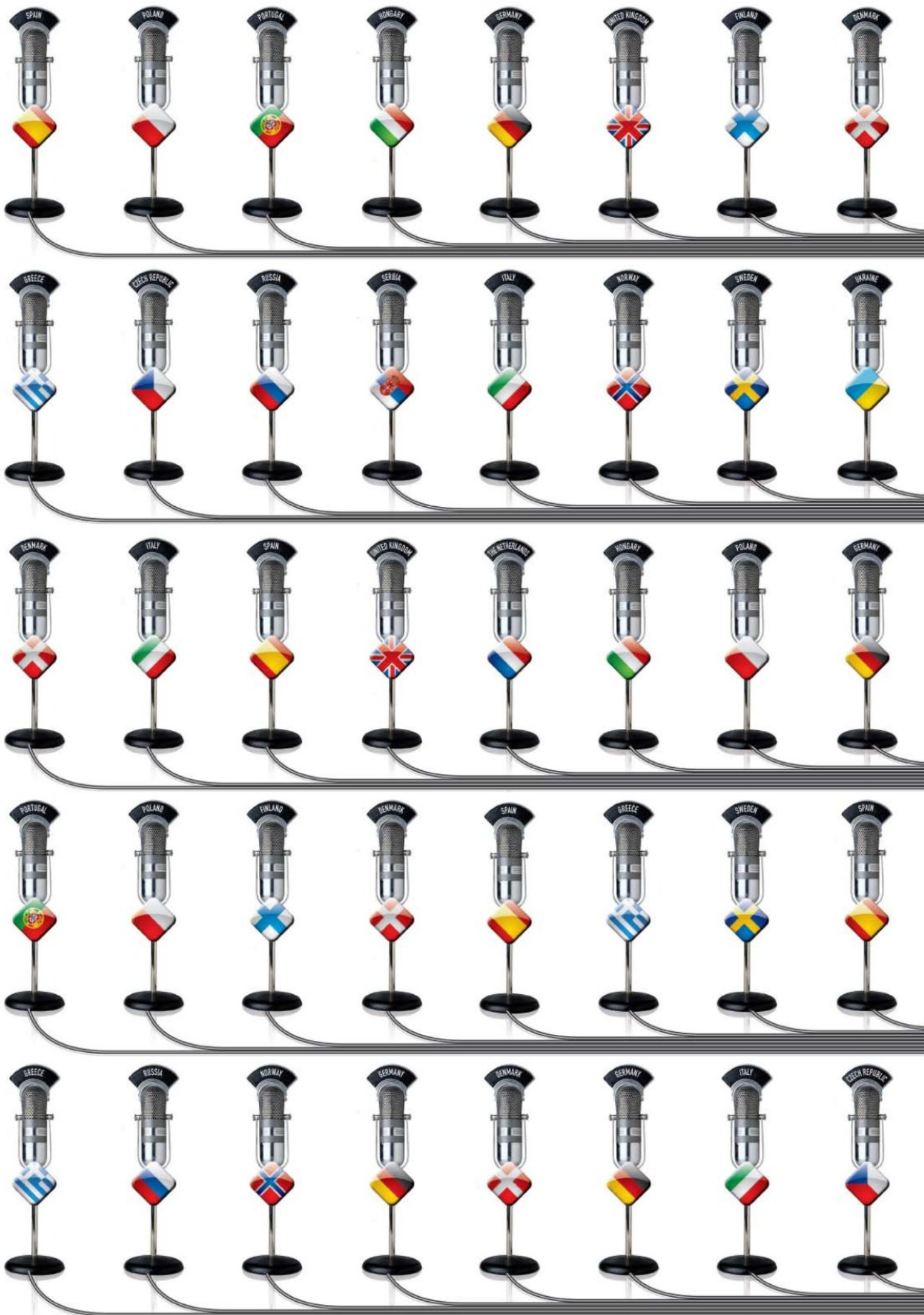
Film (if applicable)

Exposure (if known)

I earn no more than 10% of my total annual income or £5,000 annually from photography (tick to confirm) ☐ Please return my entry. I enclose an SAE ☐ OR: I do not need my entry returned ☐ (tick one to confirm). This entry has not previously been published in a national UK photography magazine ☐ (tick to confirm). Amateur Photographer, published by IPC Media Ltd ('IPC'), will collect your personal information to process your entry. If you would like to receive emails from Amateur Photographer and IPC containing news, special offers and product and service information and take part in our magazine research via email, please tick here ☐ Amateur Photographer and IPC would like to contact you by post or telephone to promote and ask your opinion on our magazines and services. Please tick here if you prefer **not** to hear from us. ☐ IPC may occasionally pass your details to carefully selected organisations so they can contact you by telephone or post with regards to promoting and researching their products and services. Please tick here if you prefer **not** to be contacted ☐ If my entry is not successful, I would like Damien Demolder to critique my image in the Appraisal column ☐

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*Photo data: SIGMA 18-250mm F3.5-6.3 DC OS HSM,  
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**Jerome  
Murray**  
West Midlands

## Rainbow... 1

A dramatic sky and brightly lit foreground give this image of Budle Bay in Bamburgh, Northumberland, an emotive feel  
Nikon D300, 28-70mm, 1/25sec at f/20, ISO 200





### Golden field

**1** A slow shutter speed captures the movement of the oil-seed rape, ushering the eye to Bamburgh Castle in the distance

Nikon D300, 12-24mm, 1/5sec at f/20, ISO 200

### Rainbow... 2

**2** In this image, taken from Budle Bay in Northumberland, a rainbow hovers over the Farne Islands, creating a striking scene

Nikon D300, 28-70mm, 1/25sec at f/20, ISO 200



## Jerome Murray

West Midlands

Jerome is a regular contributor to the AP Gallery, and his images were last published in AP 16 May. Committed to photographing landscapes, Jerome is particularly fond of seascapes because 'the changing light, tide and weather conditions mean I will always return with a different result.' Although he lives in the West Midlands, Jerome makes regular trips to different parts of the British coast to pursue his coastal photography. His aim is to keep his images as realistic as possible, and as 'true to the scene I am trying to capture.' To see more of Jerome's images visit [www.countyimages.co.uk](http://www.countyimages.co.uk).





## Mike Harvey-Penton East Sussex

In AP 15 August we published a feature on Mike's black & white digital infrared images. The photographs here could not be more different! Mike photographed these blood-red poppies just outside Lewes in Sussex. He went back several times to improve his composition, try different camera angles and capture the flowers in a variety of lighting conditions

### Single poppy

**1** Using his telephoto lens to blur the background, Mike highlights a lone poppy and creates an inescapable poignancy in the process

Nikon D700, 80-400mm, 1/250sec at f/11, ISO 400

### Field of poppies

**2** Mike keeps his camera settings the same, but this time zooms out to show the entire sea of ruby-red poppies against the green

Nikon D700, 80-400mm, 1/250sec at f/11, ISO 400





1



We've all seen endless pictures of this nonetheless amazing building and they are nearly all shot from the same place with reflection in the water. Thamer has tried a different view with a new story – and it is a great success. So often we wait patiently for people to get out of our pictures, but deliberately including them has added scale and a new dimension to this image – Damien Demolder, Editor





## Thamer Altassan Berkshire

Thamer, 28, started photography five years ago after pursuing his interest in art and design. His favourite subject is architecture because he says there are always new angles from which to take pictures. 'I love how photography gives me freedom to express my vision and share it with others,' he says. 'Travelling around the world photographing places that catch my eye is my passion.' To see more images by Thamer visit <http://thameraltassan.com>

### Taj Mahal... 1

**1** Thamer converted this image to a duotone to create a 'timeless' feel and made small Levels and contrast adjustments  
Canon EOS 450D, 10-20mm, 1/21sec  
at f/4, ISO 400, polariser

### Taj Mahal... 2

**2** Thamer waited until the boy and the camel were in front of the Taj Mahal before he took this picture  
Canon EOS 450D, 10-20mm, 1/32sec  
at f/5.7, ISO 100, polariser

### Taj Mahal... 3

**3** This picture was taken from the Yamuna river in the morning as Thamer wanted to get a reflection of the Taj Mahal  
Canon EOS 450D, 10-20mm, 1/40sec  
at f/6.3, ISO 100



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D100 body, boxed and complete	MINT-	£265.00
D100 body, complete	MINT-	£249.00
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F5 body, 50th Anniversary edition, display box, (RRP £2,300)		
	MINT	£1495.00
F5 body, boxed	MINT-	£595.00
F5 body, boxed	EXC+	£425.00
F5 body	EXC+	£345.00
F5 body	EXC	£295.00
F5 body	VG	£275.00
F100 body + MB-15 grip, boxed	MINT-	£525.00
F100 body, boxed & spare screen	MINT-	£495.00
F100 body	EXC	£299.00
F80 body, black, boxed	MINT	£159.00
F80 body, black, boxed	EXC+	£139.00
F80 body + MB-16 grip	MINT-	£159.00
F90x body, boxed	EXC+	£175.00
F90x body	EXC+	£165.00
F70 body, boxed	EXC+	£49.00
F-401x body	EXC+	£59.00
F-801 body, boxed	EXC+	£79.00

## NIKON 35MM MANUAL FOCUS SLR CAMERAS

F3 body	VG	£199.00
F3HP body	EXC+	£325.00
F3HP body	EXC+	£295.00
F3 Limited Edition body with special presentation box	EXC+	£1195.00
F3/T Titanium body, champagne	EXC	£399.00
F3/T Titanium body, champagne	VG	£249.00
F3/T Titanium body, black	VG	£249.00
F3P body + MD-4 motor drive + MF-6B auto rewind stop back		
	EXC+	£550.00
FM body, chrome	MINT-	£225.00
FA body, black, boxed	EXC+	£205.00
FM3A body, chrome	EXC+	£425.00
FM2n body, black, boxed, instructions, shutter cover	MINT	£750.00
FM2n body, black, boxed, instructions	MINT-	£325.00
FM body, chrome	MINT-	£225.00
F2S Photomic body, chrome	EXC+	£245.00
F2SB Photomic body, chrome	MINT-	£995.00
F2SB Photomic body, chrome	VG	£495.00
F2A Photomic body, chrome	MINT-	£495.00
Nikkormat FS body, chrome RARE non-metered version	VG-	£249.00
Nikkormat FT3 body, chrome	EXC	£85.00
Nikkormat EL body, chrome	EXC+	£95.00
Nikkor F body, chrome & 5cm f/2 Nikkor-S (Rare German version)		
	EXC+	£2999.00
Nikkor F Photomic FTn finder, chrome (Rare German version)		
	EXC+	£495.00
F body, chrome, mirror-up version by Marty Forscher, RARE		
	VG	£875.00

F-36 Motor Drive unit 'F' script & Nippon Kogaku logo	VG	£350.00
MD-2/MB-1 Motor Drive Unit for F2 series	MINT-	£325.00
MD-4 Motor Drive for F3 series, Last of the new stock list	NEW	£350.00
MD-4 Motor Drive for F3 series	MINT-	£225.00
MD-4 Motor Drive for F3	EXC+	£59.00
MD-4 Motor Drive for F3	VG	£39.00
MF-4 (250 back for F3 series) 250 film exposure back	EXC+	£295.00
MD-12 motor drive for FM3A/FM2/FE2/FE/FA	EXC	£89.00
MD-15 motor drive for FA	EXC+	£75.00
MD-16 motor drive for F80	MINT	£45.00
MB-10 grip for F90X	EXC+	£45.00
MB-15 grip for F100	MINT	£99.00
MF-16 Multi-Function back for FM2/FM2FM3A, boxed	MINT	£99.00
MF-16 Multi-Function back for FM2/FM2FM3A, boxed	MINT	£94.00

## NIKON 35MM RANGEFINDER EQUIPMENT

Nikon SP body, black & 3.5cm f/1.8 W-Nikkor lens, black, Limited Edition, double boxed, last of the brand new stock (RRP £5,500.00)		
	NEW	£4995.00
Nikon S3 body, chrome & 5cm f/1.4 Nikkor lens, black, Limited Edition, double boxed, with S3 leather case, last of the brand new stock		
	NEW	£1995.00
Nikon S3 body, black & 5cm f/1.4 Nikkor lens, black, Limited Edition, double boxed, with S3 leather case (RRP £3800.00)		
	NEW	£2700.00
Nikon S body, (8 digit camera), chrome & 5cm f/1.4 Nikkor-S.C instruction manual, warranty card, box	EXC+	£3599.00

## AF (AUTOFOCUS)

### NIKKOR LENSES

10.5mm f/2.8G AF DX Fisheye-Nikkor ED		
	MINT-	£445.00
14mm f/2.8D AF Nikkor, case, boxed		
	EXC+	£995.00
14mm f/2.8D AF Nikkor, boxed	EXC+	£949.00

14mm f/2.8D AF Nikkor	EXC	£699.00
16mm f/2.8D AF Fisheye-Nikkor, filter set	MINT-	£525.00
18mm f/2.8D AF Nikkor, case, hood, boxed	MINT	£1095.00
18mm f/2.8D AF Nikkor, case, hood, boxed	MINT-	£995.00
18mm f/2.8D AF Nikkor, hood	EXC	£895.00
20mm f/2.8D AF Nikkor	MINT-	£379.00
20mm f/2.8 AF Nikkor, boxed	MINT-	£325.00
24mm f/2.8D AF Nikkor, boxed	MINT-	£245.00
85mm f/1.8D AF Nikkor, hood, boxed	MINT-	£259.00
85mm f/1.4D AF Nikkor, lens hood, boxed	MINT	£785.00
85mm f/1.4D AF Nikkor, lens hood	MINT-	£745.00
85mm f/1.4D AF Nikkor, lens hood, boxed	EXC+	£725.00
105mm f/2.8D AF Micro-Nikkor	MINT	£495.00
105mm f/2.8D AF Micro-Nikkor	MINT-	£465.00
105mm f/2.8D AF Micro-Nikkor, boxed	EXC+	£4590.00
105mm f/2.8D AF Micro-Nikkor	EXC+	£445.00
105mm f/2D AF-DC Nikkor (Defocus Control)	MINT	£685.00
105mm f/2D AF-DC Nikkor (Defocus Control)	MINT-	£675.00
105mm f/2D AF-DC Nikkor (Defocus Control)	EXC+	£649.00
180mm f/2.8D AF IF-ED Nikkor, case, boxed	MINT	£525.00
180mm f/2.8D AF IF-ED Nikkor, case, boxed	MINT-	£499.00
180mm f/2.8D AF IF-ED Nikkor	MINT-	£485.00
180mm f/2.8D AF IF-ED Nikkor	EXC+	£465.00
200mm f/4D AF IF-ED Micro-Nikkor, lens hood	EXC+	£995.00
300mm f/4 AF IF-ED Nikkor	MINT-	£625.00
500mm f/4D AF IF-ED Nikkor II, case, hood, unboxed	NEW	£5175.00
600mm f/4G VR AF-S IF-ED Nikkor, case, hood, Latest	NEW	£6395.00
600mm f/4G AF-S IF-ED Nikkor II, case, hood, unboxed	NEW	£5695.00
600mm f/4G AF-S IF-ED Nikkor II, (Tropical Grey version) case, hood, unboxed	NEW	£5895.00
TC-20E II 2x Teleconverter for AF-S	MINT-	£239.00

## AF ZOOM-NIKKOR LENSES

12-24mm f/4 G AF-S DX (IF) Zoom-Nikkor, hood	MINT	£695.00
12-24mm f/4 G AF-S DX (IF) Zoom-Nikkor, hood, boxed	MINT-	£675.00
12-24mm f/4 G AF-S DX (IF) Zoom-Nikkor, hood	MINT-	£645.00
17-35mm f/2.8D AF-S IF-ED Nikkor, case, hood, boxed	MINT-	£1395.00
17-55mm f/2.8G AF-S IF-ED Nikkor, hood, boxed	MINT-	£845.00
17-55mm f/2.8G AF-S IF-ED Nikkor, hood, boxed	EXC+	£825.00
17-55mm f/2.8G AF-S IF-ED Nikkor, hood	EXC+	£799.00
17-55mm f/2.8G AF-S IF-ED Nikkor, hood	EXC+	£745.00
18-35mm f/3.5-4.5D AF ED Nikkor, hood, boxed	MINT	£425.00
18-35mm f/3.5-4.5D AF ED Nikkor, hood, boxed	MINT-	£419.00
18-35mm f/3.5-4.5D AF ED Nikkor, hood	MINT-	£399.00
18-70mm f/3.5-5.6 AF-S Nikkor, hood	EXC+	£199.00
18-105mm f/3.5-5.6G AF-S VR DX IF-ED Nikkor, hood	MINT-	£179.00
18-200mm f/3.5-5.6G VR AF-S IF-ED Nikkor, hood, boxed	MINT	£425.00
20-35mm f/2.8D Nikkor, hood, case	MINT	£695.00
24-85mm f/2.8D AF Nikkor, hood, case, boxed	MINT	£445.00
24-85mm f/3.5-5.6 AF-S IF-ED Nikkor, boxed	MINT-	£395.00
24-85mm f/3.5-5.6 AF-S IF-ED Nikkor	MINT-	£385.00
24-120mm f/3.5-5.6G AF-S VR IF-ED Nikkor, hood	MINT	£475.00
24-120mm f/3.5-5.6D AF Nikkor, boxed	MINT-	£245.00
24-120mm f/3.5-5.6D AF Nikkor	MINT-	£225.00
24-120mm f/3.5-5.6D AF Nikkor	EXC+	£199.00
28-70mm f/2.8D AF-S IF-ED Nikkor, case, hood, boxed	MINT-	£1145.00
28-70mm f/2.8D AF-S IF-ED Nikkor, case, hood	EXC+	£1045.00
28-70mm f/2.8D AF-S IF-ED Nikkor	EXC+	£1025.00
28-70mm f/2.8D AF-S IF-ED Nikkor	EXC	£875.00
28-70mm f/3.5-4.5 AF Nikkor, boxed	EXC+	£75.00
28-85mm f/3.5-4.5 AF Nikkor	MINT-	£125.00
28-105mm f/3.5-4.5D AF Nikkor, boxed	EXC	£189.00
35-70mm f/3.3-4.5 AF Nikkor	MINT-	£95.00
35-80mm f/4-5.6D AF Nikkor, boxed	MINT-	£79.00
35-135mm f/3.5-4.5D AF Nikkor N, hood	MINT-	£159.00
70-180mm f/4.5-5.6D AF IF-ED Micro-Nikkor, hood	MINT-	£975.00
70-200mm f/2.8G AF-S VR IF-ED Nikkor, hood, case, boxed		
	MINT	£1445.00
70-200mm f/2.8G AF-S VR IF-ED Nikkor, hood	MINT-	£1375.00
70-200mm f/2.8G AF-S VR IF-ED Nikkor, hood, boxed	MINT-	£1395.00
70-200mm f/2.8G AF-S VR IF-ED Nikkor, hood	EXC+	£1345.00
70-200mm f/2.8G AF-S VR IF-ED Nikkor	EXC+	£1299.00

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70-200mm f2.8 AF-S VR IF-ED Nikkor (Tropical Grey) .....	MINT	£1695.00
70-200mm f2.8 AF-S VR IF-ED Nikkor (Tropical Grey) .....	EXC++	£1545.00
70-210mm f4-5.6 AF Nikkor, boxed .....	MINT	£125.00
70-210mm f4-5.6 AF Nikkor, hood, boxed .....	MINT	£175.00
70-210mm f4-5.6 AF Nikkor, hood, boxed .....	EXC++	£145.00
70-300mm f4-5.6 AF Nikkor .....	MINT-	£95.00
70-300mm f4-5.6 AF Nikkor, hood, boxed .....	EXC++	£239.00
70-300mm f4-5.6 AF Nikkor, hood, boxed .....	MINT-	£149.00
70-300mm f4-5.6 AF Nikkor, hood, boxed .....	EXC++	£125.00
70-210mm f4-5.6 AF-S IF-ED Nikkor, hood, boxed .....	MINT	£365.00
80-200mm f2.8 AF-S IF-ED Nikkor, hood .....	EXC++	£1395.00
80-200mm f2.8 AF-S IF-ED Nikkor .....	EXC++	£1345.00
80-200mm f2.8 AF IF-ED Nikkor N, hood, case, boxed .....	MINT	£845.00
80-200mm f2.8 AF IF-ED Nikkor N, hood, case, boxed .....	MINT-	£795.00
80-200mm f2.8 AF IF-ED Nikkor N, hood, case .....	MINT-	£765.00
80-200mm f2.8 AF IF-ED Nikkor N, hood .....	MINT-	£749.00
80-200mm f2.8 AF IF-ED Nikkor N .....	MINT-	£725.00
80-200mm f2.8 AF IF-ED Nikkor N, hood .....	EXC++	£695.00
80-200mm f2.8 AF IF-ED Nikkor (push/pull zoom) boxed .....	MINT-	£595.00
80-200mm f2.8 AF IF-ED Nikkor (push/pull zoom), hood, case .....	MINT-	£575.00
80-200mm f2.8 AF IF-ED Nikkor (push/pull zoom), hood .....	MINT-	£549.00

## MANUAL FOCUS NIKKOR LENSES

8mm f2.8 Fisheye-Nikkor AI, cap, RARE .....	MINT-	£3250.00
15mm f3.5 Nikkor AIS, boxed Last of the new stock (RRP £2450.00) .....	NEW	£1995.00
15mm f3.5 Nikkor AIS, boxed .....	MINT-	£1495.00
15mm f3.5 Nikkor AIS, boxed .....	EXC++	£895.00
16mm f2.8 Fisheye-Nikkor AIS .....	MINT	£549.00
16mm f2.8 Fisheye-Nikkor AIS .....	MINT-	£495.00
16mm f2.8 Fisheye-Nikkor AIS .....	EXC++	£475.00
16mm f2.8 Fisheye-Nikkor AI .....	EXC++	£495.00
18mm f3.5 Nikkor AIS .....	MINT	£895.00
18mm f3.5 Nikkor AIS .....	EXC++	£825.00
20mm f2.8 Nikkor AIS, boxed .....	MINT	£599.00
20mm f2.8 Nikkor AIS .....	MINT	£525.00
20mm f2.8 Nikkor AIS .....	MINT-	£475.00
20mm f2.8 Nikkor AIS .....	EXC++	£425.00
20mm f2.8 Nikkor AIS, boxed .....	EXC	£395.00
20mm f3.5 Nikkor AIS .....	MINT-	£295.00
20mm f3.5 Nikkor AIS .....	EXC++	£275.00
24mm f2 Nikkor AIS, boxed .....	MINT-	£599.00
24mm f2 Nikkor AIS .....	EXC++	£545.00
24mm f2.8 Nikkor AIS, boxed .....	MINT	£395.00
24mm f2.8 Nikkor AIS .....	MINT-	£375.00
24mm f2.8 Nikkor AI .....	EXC++	£295.00
24mm f2.8 Nikkor AI .....	VG	£165.00
28mm f2 Nikkor AIS .....	MINT	£549.00
28mm f2 Nikkor AIS .....	EXC	£379.00
28mm f2 Nikkor AI .....	EXC++	£425.00
28mm f2.8 Nikkor AIS, boxed .....	MINT	£445.00
28mm f2.8 Nikkor AIS, boxed .....	MINT-	£395.00
28mm f2.8 Nikkor AIS .....	EXC+	£295.00
28mm f2.8 Nikkor AI .....	MINT-	£195.00
28mm f3.5 Nikkor AI .....	MINT-	£99.00
28mm f3.5 Nikkor AI .....	VG	£85.00
28mm f3.5 Nikkor AIS .....	MINT-	£125.00
28mm f3.5 PC-Nikkor (Perspective Control), case .....	MINT-	£595.00
28mm f3.5 PC-Nikkor (Perspective Control), case .....	EXC++	£495.00
35mm f1.4 Nikkor AIS, boxed .....	MINT-	£799.00
35mm f1.4 Nikkor AIS .....	MINT-	£695.00
35mm f2 Nikkor AIS .....	MINT-	£375.00
35mm f2 Nikkor AIS .....	EXC++	£345.00
35mm f2 Nikkor AIS .....	EXC+	£295.00
35mm f2.8 Nikkor AIS .....	EXC++	£225.00
35mm f2 Nikkor AI .....	MINT-	£295.00
35mm f2 Nikkor AI .....	EXC++	£265.00
35mm f2.8 Nikkor AI .....	EXC++	£85.00
35mm f2.8 PC-Nikkor (Perspective Control), black knob version .....	MINT-	£375.00
35mm f2.8 PC-Nikkor (Perspective Control), black knob version .....	EXC++	£349.00
35mm f2.8 PC-Nikkor (Perspective Control), black knob version .....	EXC+	£245.00
35mm f2.8 PC-Nikkor (Perspective Control), black knob version .....	VG	£199.00

35-70mm f3.5-5.8 Nikkor AIS .....	MINT	£85.00
45mm f2.8P Nikkor, black, filter, hood, boxed .....	MINT	£745.00
45mm f2.8P Nikkor, chrome, filter, hood, boxed .....	MINT	£239.00
45mm f2.8P Nikkor, chrome, filter, hood, boxed .....	MINT-	£215.00
50mm f1.2 Nikkor AI .....	EXC+	£295.00
50mm f1.2 Nikkor AIS .....	MINT-	£445.00
50mm f1.2 Nikkor AIS .....	EXC++	£375.00
50mm f1.4 Nikkor AIS, boxed .....	MINT	£395.00
50mm f1.4 Nikkor AIS, boxed .....	MINT-	£299.00
50mm f1.4 Nikkor AIS, boxed .....	MINT-	£299.00
50mm f1.4 Nikkor AIS .....	EXC++	£269.00
50mm f1.8 Nikkor AIS, 1st version, boxed .....	MINT	£125.00
55mm f1.2 Nikkor AI .....	MINT-	£595.00
55mm f2.8 Micro-Nikkor AIS, boxed .....	MINT	£349.00
55mm f2.8 Micro-Nikkor AIS, boxed .....	MINT-	£295.00
55mm f2.8 Micro-Nikkor AIS, boxed .....	MINT-	£275.00
55mm f2.8 Micro-Nikkor AIS, boxed .....	EXC	£199.00
58mm f1.2 Noct-Nikkor AIS, RARE .....	MINT	£2795.00
58mm f1.2 Noct-Nikkor AIS, RARE .....	MINT-	£2195.00
85mm f1.4 Nikkor AIS, lens hood .....	MINT	£775.00
85mm f1.4 Nikkor AIS, lens hood .....	MINT	£695.00
85mm f1.4 Nikkor AIS, lens hood .....	EXC++	£545.00
85mm f1.4 Nikkor AIS, lens hood .....	EXC	£495.00
85mm f2 Nikkor AIS .....	MINT-	£365.00
85mm f2 Nikkor AIS .....	EXC++	£295.00
85mm f2 Nikkor AI .....	EXC++	£285.00
105mm f1.8 Nikkor AIS (RRP £920.00) .....	MINT-	£719.00
105mm f1.8 Nikkor AIS (RRP £920.00) .....	EXC++	£675.00
105mm f2.5 Nikkor AI .....	MINT-	£275.00
105mm f2.5 Nikkor AIS .....	MINT-	£375.00
105mm f2.5 Nikkor AIS .....	EXC++	£295.00
105mm f2.8 Micro-Nikkor AIS, boxed .....	MINT-	£575.00
105mm f2.8 Micro-Nikkor AIS .....	MINT-	£545.00
105mm f2.8 Micro-Nikkor AIS .....	EXC+	£445.00
135mm f2 Nikkor AIS .....	MINT-	£599.00
135mm f2 Nikkor AIS .....	EXC+	£495.00
135mm f2 Nikkor AI .....	EXC	£395.00
135mm f2.8 Nikkor AIS .....	MINT-	£245.00
135mm f2.8 Nikkor AIS .....	EXC++	£215.00
135mm f2.8 Nikkor AIS .....	EXC+	£185.00
135mm f2.8 Nikkor AIS .....	EXC	£149.00
135mm f2.8 Nikkor AI .....	EXC+	£125.00
135mm f2.8 Nikkor AI .....	VG	£95.00
135mm f3.5 Nikkor AI .....	EXC++	£95.00
135mm f3.5 Nikkor AI .....	VG	£85.00
180mm f2.8 Nikkor AI .....	MINT-	£399.00
180mm f2.8 Nikkor AI .....	EXC++	£365.00
180mm f2.8 Nikkor ED AIS .....	EXC++	£625.00
180mm f2.8 Nikkor ED AIS .....	EXC	£425.00
200mm f4 Micro-Nikkor AIS .....	EXC++	£545.00
200mm f4 Nikkor AIS .....	EXC++	£189.00
200mm f2 Nikkor AIS IF-ED .....	NEW	£5000.00
300mm f4.5 Nikkor IF-ED AIS .....	MINT-	£595.00
300mm f4.5 Nikkor IF-ED AIS .....	EXC++	£565.00
300mm f4.5 Nikkor IF-ED AIS .....	VG	£365.00
300mm f4.5 Nikkor AIS .....	MINT-	£299.00
300mm f4.5 Nikkor AIS .....	EXC	£245.00
500mm f4P Nikkor IF-ED AIS, case, hood .....	MINT-	£2495.00
500mm f8 Reflex-Nikkor, with case, HN-27 hood, 5 filters .....	EXC+	£475.00
500mm f8 Reflex-Nikkor-C .....	EXC	£395.00
1000mm f11 Reflex-Nikkor, filters, case & focusing grip .....	EXC++	£1750.00
1000mm f11 Reflex-Nikkor with focusing grip .....	EXC+	£1495.00

## TELECONVERTERS

TC-200 2X Teleconverter AI .....	MINT-	£105.00
TC-300 2x Teleconverter AI .....	EXC	£175.00
TC-301 2x Teleconverter AIS .....	EXC	£195.00
TC-301 2x Teleconverter AIS .....	EXC	£225.00

## MANUAL FOCUS ZOOM-NIKKOR LENSES

28-50mm f3.5 Zoom-Nikkor AIS, lens hood .....	EXC++	£275.00
28-85mm f3.5-5.6 Zoom-Nikkor AIS, boxed .....	MINT-	£325.00
35-70mm f3.5 Zoom-Nikkor AIS (62mm filter thread) .....	VG	£295.00
35-70mm f3.5 Zoom-Nikkor AIS (72mm filter thread) .....	VG	£199.00
35-105mm f3.5-4.5 Zoom-Nikkor AIS .....	MINT-	£199.00

35-135mm f3.5-4.5 Zoom-Nikkor AIS .....	MINT-	£275.00
50-135mm f3.5 Zoom-Nikkor AIS, case, boxed .....	MINT-	£295.00
70-210mm f4 Nikon Series E AIS .....	MINT-	£95.00
80-200mm f4 Zoom-Nikkor AIS .....	EXC+	£295.00
100-300mm f5.6 Zoom-Nikkor AIS, boxed .....	MINT	£279.00

## MANUAL FOCUS PRE-AI NIKKOR LENSES

16mm f3.5 Fisheye-Nikkor Auto, pre-AI .....	MINT	£1000.00
28mm f3.5 PC-Nikkor pre-AI, scalloped focus barrel .....	MINT	£175.00
28mm f3.5 PC-Nikkor pre-AI, scalloped focus barrel .....	EXC++	£115.00
28mm f4 PC-Nikkor, pre-AI .....	EXC++	£325.00
28mm f4 PC-Nikkor, pre-AI .....	EXC	£175.00
45mm f2.8 GN Nikkor pre-AI .....	EXC++	£115.00
35mm f2.8 Nikkor-S Auto, pre-AI, scalloped focusing barrel .....	MINT	£250.00
35mm f2.8 PC-Nikkor (Perspective Control), silver knob version .....	MINT-	£199.00
35mm f2.8 PC-Nikkor (Perspective Control), silver knob version .....	EXC+	£165.00
35mm f3.5 PC-Nikkor (Perspective Control), first version .....	EXC	£195.00
50mm f1.4 Nikkor-S Auto pre-AI, scalloped focus barrel, pointed meter coupling prong, chrome filter ring .....	MINT	£300.00
50mm f1.4 Nikkor-S Auto pre-AI, scalloped focus barrel .....	EXC	£145.00
5cm f2 Nikkor-S Auto, 'tick marked', scalloped focusing barrel, pre-AI .....	MINT-	£995.00
85mm f1.8 Nikkor-H, pre-AI, scalloped barrel .....	VG	£195.00
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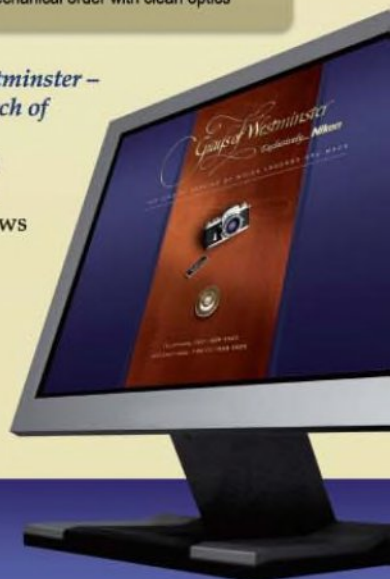


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# Appraisal

## How to submit your pictures

Send up to six prints, slides or images on CD (please include the original files from the camera along with your submitted versions on your CD). Tell us a little about the pictures and, if you can, include details of equipment used and exposure settings.

Send your photographs to 'Appraisal' at our usual address (see page 3). Please enclose an SAE if you would like them returned.



### Mute swan Doug Akhurst

Canon EOS-1Ds Mark III, 500mm, 1/500sec at f/7

The biggest problem our readers face when photographing swans is one of contrast. Swans are incredibly majestic birds and a popular subject for photographers of all abilities. Yet one thing that most of these pictures have in common is that they're photographed on bright, sunny days, and white objects are a nightmare to photograph in direct sunshine.

Doug says he took this picture on a dull October day, which is actually great weather for photographing swans; the soft light allows highlight and shadow areas to exist, which gives the bird shape and form but without burning out the white feathers on the side of the bird on which the light falls.

Doug has also picked a great location at the Wildfowl & Wetlands Trust in Slimbridge, and you can see that it has provided a beautiful background, with enough detail to tell us something about the bird's habitat but without being distracting. I like the slightly different tones and colours of the reeds and grasses, as they complement this handsome creature.

Doug has framed his subject nicely, giving us a perfect mirror-image reflection in the still water. However, while the composition, lighting and exposure are all excellent, it is somehow not an exciting photograph. I think this could be because of the swan's pose: it is looking straight into the camera, head on, yet the thing we tend to look for in swan photographs is that wonderful curved neck. Also, because the swan's eyes are set into some dark patches of colour on its plumage, it makes it difficult to see them, which means we can never really form a connection with the bird in this picture.

Strangely, if you cover up the reflection, it actually creates a nicer-looking picture. That's because in Doug's image the swan's neck broadens out as it touches the water before narrowing again as your eyes move down the frame. It's just rather an awkward shape. I think that had Doug waited a little longer to capture more of the swan's profile, it would have been a really striking image.

### Mountain sheep, Llangollen Chris Johnson-Standley

Nikon D80, 18-55mm, 1/160sec and 1/1250sec (two exposures combined) at f/5.3, ISO 100

We are always told that we should never shoot into the sun, but here Chris has proved that you can and that you can use the resulting streaking shadows to great effect. However, you should still take care not to damage your eyes. Here we are on a Welsh mountain looking out across the hills and valleys, watching the morning haze rise from the ground and into the sky. It's a very peaceful picture.

I like the way Chris has split the composition into thirds horizontally across the frame. The image is divided into the area of grass with the sheep on it in the foreground, then the hills in the middle distance, and then the sky and sun. It presents a nice formal arrangement of all the elements of the picture. I also like the fact that we are looking through the gap in the rocks across the valleys, which makes a nice frame, as though we're looking through a window.

It's nice that Chris hasn't felt the need to boost the saturation of his picture. The colours look as though they are realistic, and this adds to the peacefulness of the picture as the viewer is not being 'assaulted' by any out-of-control colours.

I can see from the original raw files that Chris sent me that his original image was marred by lens flare right in the middle of the shot, but he's done a very good job of removing it, most likely using the Clone tool. It is also, I was surprised to find out, an HDR image, though you wouldn't know it to look at it because it has been subtly done.







Original



Edited

This really is a lovely shot, very nice and stately. It's simple too, and I think that if Chris had taken the same shot but without including the sheep it wouldn't have been nearly as interesting. Although the sheep are not so much the subject as the hills, valleys and mist, they nevertheless

add a great deal and give the picture a lot of depth – and that, I think, is one of the biggest factors in its success, and why it is my picture of the week. All I've done is add a little more contrast to strengthen that 3D effect and to darken the shadows a bit more.

“Although the sheep are not so much the subject as the hills, valleys and mist, they nevertheless add a great deal and give the picture a lot of depth”



## Ponies and loch Derek Parkinson

Canon EOS 30, 28-200mm,  
1/125sec at f/13, Ilford Delta 400

When you make a cake you need more than some nice cherries to go in it. You need good ingredients, the mixture has to be right and it needs to be cooked for the correct amount of time. If this doesn't happen, the cake doesn't come out too well. The cherries might still be very nice, but the cake as a whole will not be successful. For this picture, Derek has remembered the cherries, but has failed to consider the rest of the cake.

If you described this photograph to someone else, they could imagine

what it might look like, but sadly Derek hasn't made the most of it. Part of the problem is that it's a black & white print that is slightly pink in colour and suffering from a lack of contrast. The biggest problem, though, is the large featureless sky and lack of any sort of direction in the light.

While overcast days might be fantastic for photographing swans (see opposite page), they're not very good for shooting landscapes. This is because we rely on strong directional sunlight to help our eyes define the shapes and forms of the landscape we're looking at. In this picture even the ponies cast barely a shadow and it's very difficult to see what's happening in the picture. Some harsh sunshine would create shadows and give us the

sense that these are 3D objects that we are looking at. Also, you have to be pretty clever to make such a blank sky work for you. Such a sky works best in a minimalist approach with simple subjects. Unfortunately, this isn't one of those subjects.

It's one of those shots, though, where you know that if you went back on a different day and shot it in a different way you could probably come back with a nice picture. However, I think a new vantage point would be necessary because here the shore, or mirror line, is strangely sloping and cuts the picture not quite in half. If Derek chose an angle where the shoreline swept across the picture in more of a diagonal line, it would have made the picture more dynamic.



ICONIC PHOTOGRAPHER

# Larry Burrows

1926-1971

**Larry Burrows'** skill, bravery, dedication and humanity made him arguably the finest photographer to cover the war in Vietnam. **David Clark** looks at his life and work

**D**URING a ceremony at the Newseum in Washington DC, United States, in April 2008, a small stainless-steel capsule was interred beneath the floor. It contained the scant remains of four photojournalists, killed during the Vietnam War on 10 February 1971 when their helicopter was shot down. The group included one who was arguably the finest photographer to work in Vietnam: Larry Burrows.

Burrows was just 44 years old when he died and had covered the war for nine years. He was awarded the Robert Capa Gold Medal for 'best published photographic reporting from abroad requiring exceptional courage and enterprise' in 1963, 1965 and posthumously in 1971.

His colleague and fellow photographer Horst Faas described him as, 'The most versatile press photographer I knew,' and said, 'If there would have been a vote for the most respected and loved newperson in Vietnam, Larry would have almost certainly come out tops.'

Burrows, the son of a lorry driver for a railway company, was born in north London. He lived in the capital during the Second World War and later remarked that this experience inspired his drive to capture images of war. 'I was in blitz-torn London before I had the equipment or the ability to express my feelings,' he said. 'That had a great deal to do with my keenness now to show the interested people, and shock the uninterested,

into realising and facing the horrors of the Vietnam War.'

He left school at 16 and worked in the darkroom for Keystone Press before joining the staff at the London office of *Life* magazine. It was 1942 and he applied to join the Services, but was refused on the grounds of his poor eyesight. As an alternative, he was conscripted to work in a Durham coal mine and didn't return to the *Life* darkroom full-time for 16 months. When he got back, he was entrusted with the important job of developing and printing the films being sent back from the Second World War by photographers such as Robert Capa (though the story that he ruined Capa's D-Day images is a myth).

After serving his darkroom apprenticeship, Burrows was given a wide range of assignments for magazines including *Time*, *Life*, *Stern* and *Paris Match* on a freelance basis. They ranged from photographing famous people of the day, including Winston Churchill, TS Eliot and Brigitte Bardot, to covering international conflicts such as the Suez Crisis in 1956.

In 1961, when Burrows was offered a staff job with *Life* and the chance to cover stories in the Far East while based in Hong Kong, he seized the opportunity. He was given the freedom to work on stories for several months and was drawn towards the growing conflict in Vietnam. His first photo story on the



**Demanding information about hidden weapons, a South Vietnamese soldier threatens a captured Vietcong. From *The War in Color*, 1962**





Larry Burrows  
on Hill Timothy,  
Vietnam,  
11 May 1968





conflict, titled *In Colour: The Vicious Fighting in Vietnam, We Wade Deeper into Jungle War*, ran over

14 pages in *Life* magazine in January 1963. It established Burrows as one of the magazine's most high-profile photographers.

Although he covered other stories in the years that followed, including conflicts in Iraq, Lebanon, Iran, Cyprus and the Congo, the escalating Vietnam War was his main subject. 'This strange war fascinates me,' he said. The most famous of these stories was *One Ride with Yankee Papa 13*, in which Burrows documented the first mission of a young American Marine, Lance Corporal James Farley. It was published in *Life* in April 1965.

In the photographs, Farley starts out as a smiling, confident, all-American boy, but during the course of the mission he witnesses the death of a colleague at close hand. Burrows' final shots in the sequence show Farley completely traumatised by the experience. *Life* ran 25 of Burrows' photographs in one single photo essay, and the images undoubtedly helped turn public opinion against the war.

While documenting these stories, Burrows agonised about the ethics of war photography. 'So often I wonder whether it is my right to capitalise, as I feel so often, on the grief of others,' he said. 'But then I justify my own particular thoughts by feeling that if I can contribute a little to the understanding of what others are going through, then there's reason for doing it.'

Burrows' dedication to his work led him to repeatedly risk his life on the front line. Ralph Graves, *Life*'s managing editor at the time, said: 'We kept thinking up other, safe stories for him to do, but he would do them and then go back to the war. As he said, that was his story, and he wanted to see it through.'

While covering an invasion of Laos by South Vietnamese forces, Burrows' luck finally ran out. He boarded a helicopter along with photographer



Cpl James Farley shouts to his gunner, Wayne Hoilier, 'My gun is jammed. Cover your side. I'll help these guys.' From *Yankee Papa 13*, March 1965

colleagues Kent Potter, Keisaburo Shimamoto and Henri Huet. Soon afterwards it plunged to the ground in flames after straying too close to North Vietnamese guns.

For many years the crash site was sealed off; Burrows and his colleagues were described as 'missing presumed dead.' However, a search of the area in 1998 found some fragmentary human remains plus items including the top plate of a Leica M3, almost certainly owned by Burrows. The interment ceremony in 2008 finally gave surviving family, friends and colleagues the opportunity to remember and celebrate the life of one of Britain's greatest war photographers.

Although his death came tragically early, Burrows was aware that it could happen and simply accepted it as part of his job. 'I'm no more courageous than anyone else,' he famously said. 'I just feel that photography is important. And I will do what is required to show what is happening. I have a sense of the ultimate – death. And sometimes I must say, "To hell with that."'



## Books

*Larry Burrows: Vietnam*, published by Knopf, is the definitive collection of Burrows' war work. The compelling story of Larry Burrows' final journey and the attempt to find the crash site is told in *Lost Over Laos* by his Vietnam colleagues Richard Pyle and Horst Faas.

## Website

Articles on Burrows by people who knew and worked with him, including Richard Pyle and Horst Faas, can be found by visiting [www.digitaljournalist.org](http://www.digitaljournalist.org). A rare film clip of Burrows in Vietnam can be found by searching for 'Larry Burrows' on [www.youtube.com](http://www.youtube.com).

## Decisive moments

- 1926** Henry Leslie Burrows is born on 19 May
- 1942** He begins working for Keystone Press before joining the staff of *Life* magazine's London bureau
- 1958** First *Life* cover story published called *Marines move into Lebanon*
- 1959** He documents the bullfighting circuit in Spain and France while travelling with novelist Ernest Hemingway
- 1961** Burrows becomes a staff photographer on *Life*, based in Hong Kong
- 1963** He wins the Robert Capa Gold Medal. He also later wins the prize in 1965 and 1971
- 1967** Burrows is named Magazine Photographer of the Year
- 1971** On 10 February, in Laos, Burrows is killed along with three other photojournalists after their helicopter is shot down by a North Vietnamese missile
- 2002** *Larry Burrows: Vietnam* is posthumously published and wins the prestigious Prix Nadar award
- 2008** The remains of Larry Burrows and three colleagues are interred in the Newseum, Washington DC



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Welcome to our test, reviews and advice section. Over the next few pages we will present this week's equipment tests, reader questions and technique pointers

## Manfrotto 496RC2 ball head £59.95

**B**ALL heads are useful for general photography because they allow very fine adjustments to the position of your camera, and are generally more compact than pan-and-tilt models. The aluminium construction and elliptical side cutouts of the new 496RC2 head from Manfrotto help keep its weight down to a shade under 450g. The most important improvement over previous models, however, is a new friction-control knob that stops a heavy camera from suddenly slipping out of position when the ball-socket lock is released. This prevents the camera and lens from slamming forwards onto the tripod or backwards into the photographer's face. The extra friction, especially with heavy kit like a Nikon D3 and 80-200mm f/2.8 lens, makes the 496RC2 much more manageable than previous Manfrotto heads, and closer to a high-quality pan-and-tilt design in terms of stability. Its relatively low price makes it great value too. **Barney Britton**



● For more information visit [www.bogenimaging.co.uk](http://www.bogenimaging.co.uk) or call 01293 583 300

## Kinetronics Speckgrabber Pro Kit £35.99

**Micro verdict**  
Great for removing tiny particles of dirt, but tricky to use on a DSLR sensor

**T**HE Kinetronics Speckgrabber Pro Kit is based around the innovative Speckgrabber tool. This consists of a small tip of copolymer plastic on a rigid plastic stem. The 'tacky adhesion' quality of copolymer plastic allows the Speckgrabber to pick up tiny particles of dust and dirt from very delicate surfaces without the need for a 'wet' clean, which should make it ideal for cleaning the sensors of DSLRs, as well as optics. The tool is available on its own for £18.98, but the Speckgrabber Pro Kit also includes a small penlight, which doubles as a handle for the Speckgrabber, and illuminates the surface to be cleaned. Also in the box is a bottle of isopropanol cleaning solution and a microfibre cloth.

The Speckgrabber is very effective at removing individual particles of dust and dirt from lenses that could otherwise cause scratches if wiped off in the conventional way. However, cleaning a DSLR sensor is rather more difficult, since even with the addition of a light, locating individual specks of dirt is tricky. Unfortunately, the Speckgrabber's handle, which

incorporates the light, is rather bulky and can obscure the view of the sensor.

**Barney Britton**



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# Canon EOS 7D

At last it appears that Canon has raised its game in response to the challenge from Nikon, giving some of its systems a major overhaul and introducing a new breed of camera, the **EOS 7D**. We put it to the test

**Angela Nicholson**  
Technical Editor



**W**HEN I first received Canon's press release for the EOS 7D, I assumed the camera was a full-frame model, perhaps bridging the gap between the EOS 5D Mark II and the EOS-1D Mark III (since updated to Mark IV). However, to my surprise, I discovered that it's an 18-million-pixel APS-C-format camera. However, as I ran my finger down the specification list, I mentally ticked off the features on the wish list that we at AP have been giving to Canon for the past couple of

years. I almost punched the air when I read that finally, after all the other major manufacturers have already included it, Canon has built wireless flash control into one of its DSLRs. There's also a new 19-point AF system that borrows features from the EOS-1D Mark III. In addition, the EOS 7D introduces Canon's new Focus Colour Luminance (iFCL) metering system, which uses subject distance, colour and luminance information to help inform the metering system.

It all adds up to a pretty exciting package, and it could signal that Canon is ready to take on the challenge that was first set by Nikon with the arrival of the D3 and D300 back in August 2007. The single number name of the EOS 7D also raises lots of questions,

such as what cameras will we see above and below it in future Canon line-ups, and will there be a full-frame (or APS-H-format) camera beneath the recently announced EOS-1D Mark IV that uses the same technologies?

## Features

The EOS 7D is a digital single-lens reflex camera and it sits at the very top of Canon's APS-C-format range, a position previously occupied by the EOS 50D. While the EOS 7D's 18-million-effective-pixel count is impressive, it also sets off alarm bells because of the possibility that the 22.3x14.9mm CMOS sensor might be overcrowded and, as a result, the images very noisy. This problem has dogged the Canon EOS 50D, but

Canon EOS 7D  
Enthusiast DSLR



## At a glance

- 18 million effective pixels
- Live View on 3in, 920,000-dot LCD screen
- 1920x1080p (Full HD) video recording at 30fps
- Wireless flash control
- Street price approx £1,699

Canon claims it has found a solution with the new sensor, which has less circuitry to enable the photodiodes to be larger to boost the high sensitivity and dynamic range performance. Canon has also used a new design



**Amateur  
Photographer  
Lab test**

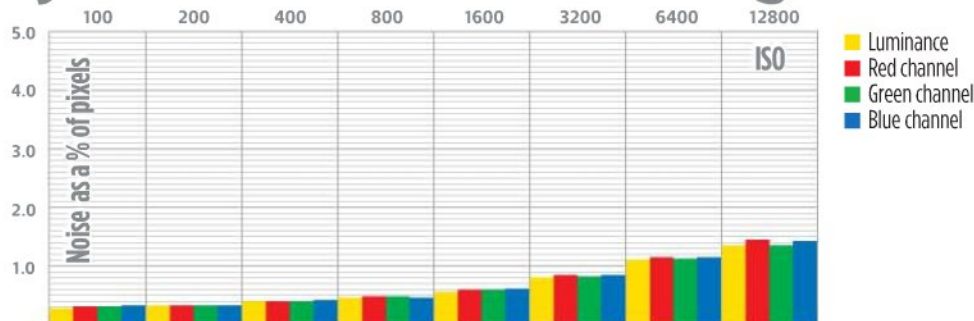




# Resolution, noise and sensitivity

Our laboratory tests indicate that Canon has made significant steps in the control of noise across the entire sensitivity setting range since the EOS 50D. The difference between images from the EOS 50D and EOS 7D is most noticeable at ISO 12,800, when the amount of noise is approximately halved. Even at ISO 3200, there is a reduction of around 30%. Interestingly, the noise figures for each channel are quite close to each other, indicating that the noise has a neutral mix.

Although high-sensitivity images from the EOS 7D have a granular texture, they are far smoother than results from the EOS 50D. They look great in monochrome and, significantly, there is no banding in the darker midtones.



At 100% on the computer screen, high-sensitivity JPEGs have plenty of detail, but there are some coloured blotches. These aren't especially objectionable, but they

are visible when images are sized to make A3 prints. Images taken at ISO 6400 and above also have the odd hot red pixel. As the resolution chart images show, the

EOS 7D resolves a lot of detail. Even at ISO 12,800 it puts in a reasonable performance.

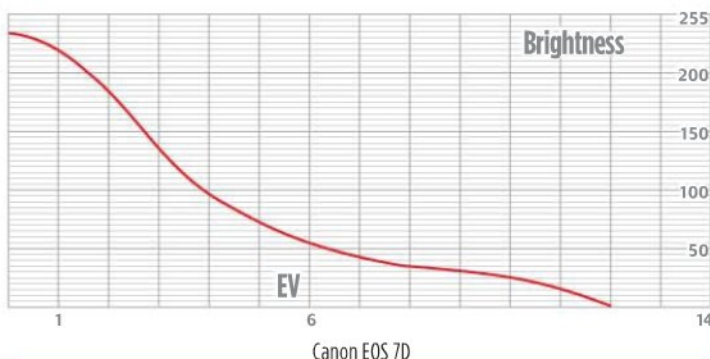
●●●●●●●●●● 28/30

## Dynamic range

In its default settings the EOS 7D has a dynamic range of 12EV, which is up with the best DSLRs we have put through our testing regime.

Like the more recent high-end DSLRs from Canon, the EOS 7D has two dynamic range optimiser options: Auto Lighting Optimizer (with Low, Standard, Strong and Disable settings), and Highlight Tone Priority. For the first time, Auto Lighting Optimizer, which brightens image shadows, can be used in manual exposure mode, but cannot now be used at the same time as the Highlight Tone Priority mode. Consequently, it is better to use the exposure controls to retain the highlight details and then use the Auto Lighting Optimizer to bring out the shadow detail of JPEG files. The brightening effect can also be applied to raw files when they are processed using the supplied Digital Photo Professional software.

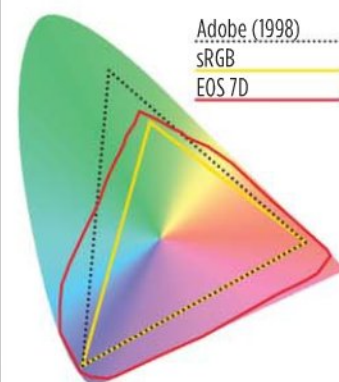
●●●●●●●●●● 8/10



## Understanding the graph

This graph shows the brightness values recorded by the test camera when it is used to photograph a stepped graduation wedge. The wedge has transmission values in 1/2EV steps ranging from 0 to 12EV. The camera's exposure is set so the 12EV section in the wedge has a brightness value of 255. Software analysis of the image then determines the recorded brightness values of all the other steps and calculates the camera's dynamic range.

## Gamut



When set to Standard Picture Style, with the Adobe RGB colour space, the EOS 7D is capable of recording almost the entire base of the ICC colour space, with very smooth reds, mauves and purples. As usual, though, the green coverage is a little restricted so it doesn't quite encompass the entire Adobe RGB space.

for the diodes, which is claimed to allow more light to be converted into an electrical charge for a higher signal-to-noise ratio. Like the EOS 50D, the EOS 7D has gapless micro lenses over the photodiodes, but the distance between the photodiodes has been decreased (as in the EOS 5D Mark II) to enable more of the light to reach the photo receptors.

Despite the very high pixel count, but thanks to the EOS 7D's two Digic 4 processors and eight-channel readout, Canon has managed to achieve a sports-photographer-friendly maximum continuous shooting rate of 8fps. That's without the need for an additional battery pack, so if you head out for a spot of landscape photography and come across a

field of deer or a cross-country race, you won't be cursing the fact that you've left the power booster behind. Notably, it is 1fps higher than the maximum shooting rate that the Nikon D300s can achieve unaided.

I will discuss the viewfinder in more detail later, but it is worth pointing out here that the EOS 7D is the first EOS model to have a 100% field of view with 1x magnification (with a 50mm lens focused at infinity). Hence, the view looks very similar to the final image. The viewfinder complements the 100% field of view offered by the LCD screen when Live View is activated.

Even with grid displays and so on, it can be very difficult to get the horizon straight (especially when using a wideangle lens that creates barrel) and built-in electronic levels

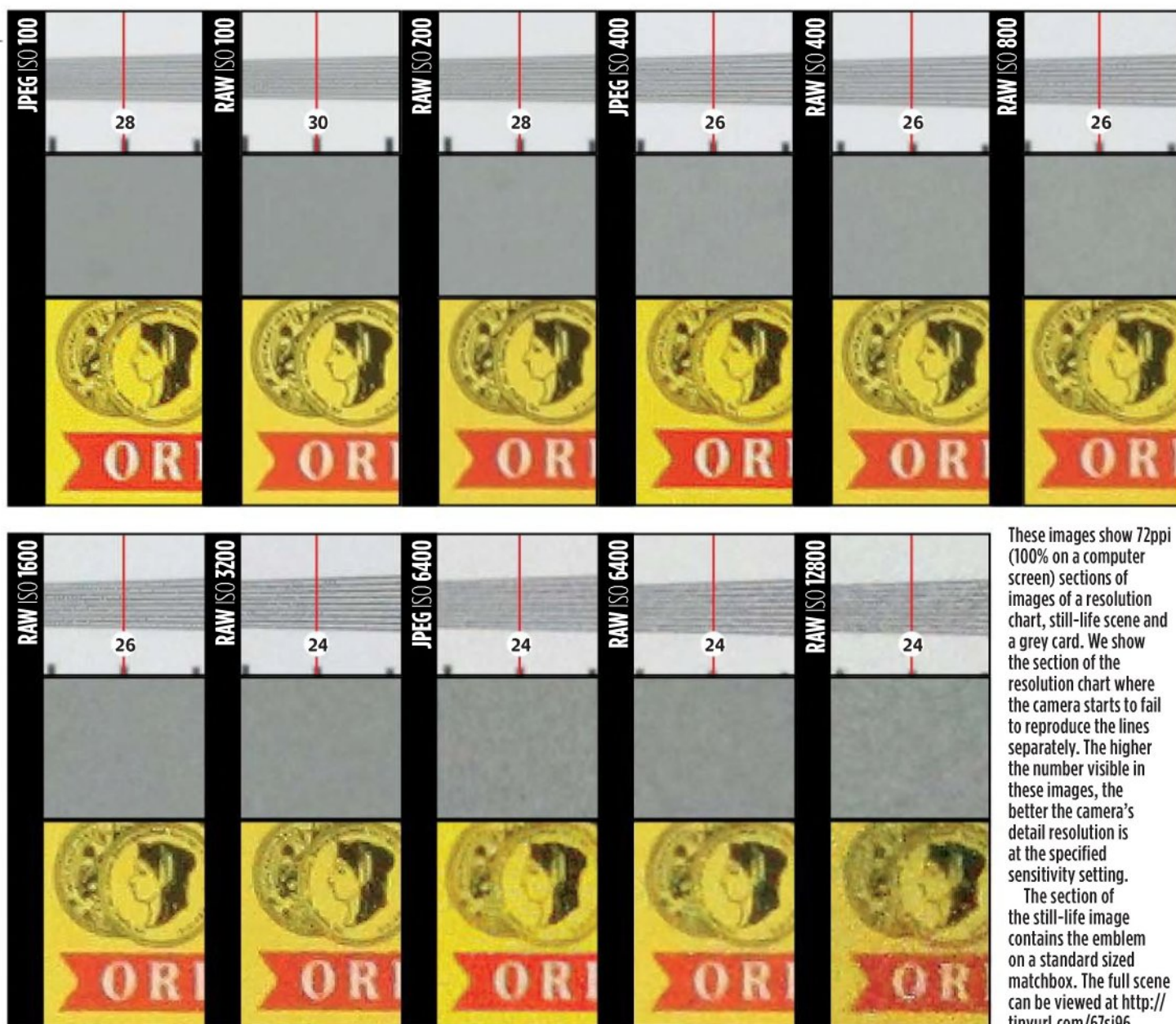
are becoming increasingly common. The EOS 7D is the first Canon DSLR to feature an electronic level, and as well as appearing on the LCD screen (with or without Live View mode being active), it can be set to appear in the viewfinder. When the option is selected in Custom Function (C.Fn) IV, pressing the new-to-EOS-cameras Multi Function (M.Fn) button near the shutter release button uses the AF point displays to indicate whether the camera is level or not. The level works when the camera is in landscape or upright orientation, and the degree of tilt (up or down) is shown in addition to the horizontal yaw (left or right). Unfortunately, the level disappears from the viewfinder once the shutter release or AF-on buttons are depressed to activate the AF

system, so it can't be used 'live' during handheld shooting.

As I mentioned earlier, the EOS 7D is the first EOS DSLR to have an Integrated Speedlite Transmitter, which allows the camera to trigger an external flashgun wirelessly. This transmitter works in the same way as the Speedlite 580 EX II and can control up to three groups of EX-series Speedlite (or compatible) slave flashes. When acting as a controller, the EOS 7D's flash fires a pre-flash even when it is not being used to supply illumination during the exposure.

Provided the detail resolution is high enough, the extra reach provided by the 1.6x focal length magnification factor combined with the impressive continuous shooting rate, new AF system and extensive





These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, still-life scene and a grey card. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution is at the specified sensitivity setting. The section of the still-life image contains the emblem on a standard sized matchbox. The full scene can be viewed at <http://tinyurl.com/67sj96>

feature set makes the EOS 7D very appealing to the budget-conscious pro sports or wildlife photographer who doesn't need an APS-H or full-frame camera. Plus, with a street price of around £1,700, it could persuade a few enthusiasts who have been saving for an EOS 5D Mark II to opt for a smaller camera.

●●●●●●●●●● 9/10

## Build and handling

In terms of size and weight, the EOS 7D sits between the EOS 50D and the full-frame EOS 5D Mark II. Like them, it has a magnesium-alloy chassis and sealing against water ingress. Canon states that the seals in the EOS 7D's construction put it in the same league as the EOS-1N

professional-level film camera.

While at 820g (body only) it is a fairly heavy camera, its contoured shape and rubberised grip coatings make the EOS 7D feel comfortable and safe in my hand. After shooting the full 80 minutes of a rugby match, however, my hand was starting to feel the strain despite using the comparatively small and light EF 70-300mm f/4.5-5.6 DO IS USM lens.

The control layout of the EOS 7D is closer to that of the EOS 5D Mark II than the EOS 50D, but there are some significant differences. For example, the Live View button found on the left-hand side of the back of the EOS 5D Mark II, above the LCD screen, has been shifted to the right of the EOS 7D's viewfinder and is now surrounded by a switch that changes

between Live View and video mode. It's a sensible move as it is now within reach of the right thumb when the camera is held for use. The space vacated by the Live View control is occupied by two other buttons on the EOS 7D. One, marked Q, is used to access the Quick Control screen, while the other changes the recorded file type from raw or JPEG to simultaneous raw and JPEG. As soon as the shot is taken, the camera reverts to the original single file mode. It could be useful when, if shooting JPEG files to get the maximum burst depth, the odd raw file is needed for the extra adjustment flexibility.

Sixteen of the most commonly adjusted settings, including Auto Lighting Optimiser, are displayed on the Quick Control screen. These

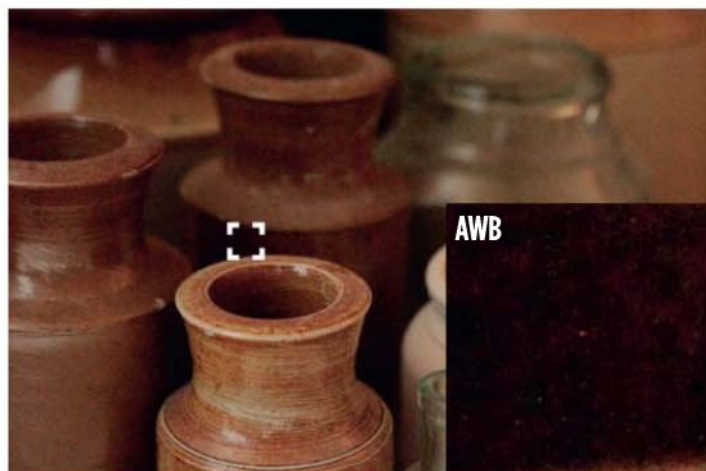
may be navigated using the mini-joystick multi-controller and the settings are changed using either of the control dials. I find it useful for quickly checking the camera settings and making some changes, but I still habitually use the top-plate buttons for selecting the white balance, AF modes and so on.

Like all recent Canon DSLR menus, the EOS 7D menu is divided into screens that each fit onto the LCD, making it easier to find the feature you are searching for. The video controls are located on a designated 'page', allowing the camera to be quickly set up for video recording.

With the addition of video technology and the extra AF and flash control options, the My Menu settings screen







This JPEG image was taken at ISO 12,800. There is no visible banding, the noise is well controlled and there is plenty of detail in the sharp areas of the shot, but there are a few bright red pixels that stand out from the surroundings more than they should

is starting to get a little restricted with space for just six features. Other than that, I find little to complain about with the EOS 7D's handling.

It is interesting that Canon has opted for a switch rather than a button to alternate the camera between Live View and video mode. I wonder if this could be the start of a change in Canon camera design. Is it possible we will see a few other switches replacing buttons over the next few years, perhaps to select the AF or metering mode?

●●●●●●●●●● 8/10

## White balance and colour

There doesn't appear to be anything new about the white balance system of the EOS 7D and it puts in a solid performance in a range of lighting conditions. Images aren't over-corrected and they contain a hint of the colour of the light at the time the shot was taken.

As usual, the EOS 7D has a collection of preset Picture Styles (Standard, Portrait, Landscape, Neutral, Faithful and Monochrome), plus three that may be set to the user's preferences. Control is provided over the sharpness, contrast, saturation and colour tone of colour images, and the sharpness, contrast, filter effect and toning effect of monochrome shots. The Standard mode can be a little oversaturated for my taste, and I usually prefer to use the Neutral or Faithful options.

When I used the supplied Digital Photo Pro software to apply the Landscape Picture Style to a few raw file images of autumn leaves, I found the reds became very uniform and unnatural-looking, with a loss of tonal gradation and detail.

●●●●●●●●●● 9/10

## Metering

This is the first time we have seen Canon's new 63-zone Focus Colour Luminance (iFCL) metering system. It uses subject distance data from the AF system along with colour and luminance (brightness) information to help determine the correct exposure. Instead of one metering sensor, the EOS 7D has two: one that is sensitive to red/green light, and another that is dedicated to green/blue light. The aim is to make the camera's metering less sensitive to red light.

In its evaluative mode (which is backed up by centreweighted, partial and spotmetering), the EOS 7D's metering system does a good job of exposing the main subject correctly and it isn't easily fooled by large bright areas such as an overcast sky. However, because the evaluative metering takes information from the AF point, it can make a huge difference where the AF point is positioned. With the AF point positioned over the grass of a landscape, for instance, I found the foreground was well exposed and the overcast sky burned out, but when the AF point was on the sky, the land was underexposed while detail was revealed in the sky.

Although the evaluative metering proved effective in a range of situations during this test, like many similar systems it can struggle in overcast conditions. It is something I want to continue to experiment with in the future.

●●●●●●●●●● 8/10

## Autofocus

The EOS 7D has a new 19-point AF system. All the points are of the biaxial type and effective with lenses with a maximum aperture of f/5.6 or greater. For extra precision, a

# Data file

## Focal points

### A/D conversion

Like Canon's other high-end DSLRs, the EOS 7D has a 14-bit A/D converter that turns the electrical signal from the sensor into digital code. Using a 14-bit device enables a wider range of tones to be generated in each colour channel for better colour and smoother gradations than from 12-bit cameras.

### Dual DigiC 4 processors

The EOS 7D is the first non-EOS-1D series camera to feature dual DigiC processors. As well as boosting the maximum continuous shooting rate, this enables more complex noise-reduction algorithms to be carried out.

### Manual control of exposure in video mode

Full manual or automatic control is provided over the exposure in video mode. This is set before recording is started and the slowest shutter speed is dictated by the selected frame rate. Exposure compensation may be adjusted to  $\pm 3\text{EV}$  during the exposure.

### Wireless flash

The EOS 7D's built-in flash may be set to control up to three groups of Canon EX-series Speedlite (and compatible) flashguns wirelessly. It's easy to set up and set the flash output ratios via the Flash Control option at the bottom of the first shooting menu screen.



**Canon (UK)**, Woodhatch, Reigate, Surrey RH2 8BF.  
Tel: 01737 220 000. Website: [www.canon.co.uk](http://www.canon.co.uk)

<b>RRP</b>	£1,699.99
<b>Sensor</b>	Canon CMOS with 18 million effective pixels
<b>Output size</b>	5184x3456 pixels
<b>Focal length mag</b>	1.6x
<b>Lens mount</b>	Canon EF (EF-S compatible)
<b>Max file size</b>	Approx 25MB raw (14 bit), 7.65MB approx (high quality, large JPEG) on card
<b>File format</b>	14-bit raw, JPEG (two levels of compression available), S-Raw1, M-Raw, JPEG + raw (or S-raw or M-raw) simultaneously
<b>Compression</b>	Two-stage JPEG
<b>Colour space</b>	Adobe RGB, sRGB
<b>Shutter type</b>	Electronically controlled focal-plane
<b>Shutter speeds</b>	30-1/8000sec in 1/3 or 1/2EV steps plus B
<b>Max flash sync</b>	1/250sec default or 1/8000sec with compatible EX series Speedlites
<b>ISO</b>	ISO 100-6,400 expandable to ISO 100-12,800
<b>Exposure modes</b>	PASM, Creative Auto, plus three custom modes
<b>Metering system</b>	63-zone evaluative, centreweighted, spot (approx 2.3%) and partial (9.4%)
<b>Exposure comp</b>	$\pm 5\text{EV}$ in 1/3 or 1/2EV steps
<b>Exposure bracketing</b>	3 exposures in 1/3 or 1/2EV steps. Also flash bracketing
<b>White balance</b>	Auto, six presets, plus one custom setting and Kelvin adjustment
<b>Drive mode</b>	Single, continuous high/continuous low, self timer (2 or 10sec delay), 8fps max for 126 large fine JPEGs or approx 15 raw files
<b>LCD</b>	3in Clear View II TFT with 920,000 dots and 160° viewing angle
<b>Viewfinder type</b>	Pentaprism
<b>Field of view</b>	Approx 100%
<b>Dioptr adjustment</b>	-3 to +1 dioptre
<b>Focusing modes</b>	Manual, One Shot AF, AI Servo AF, AI Focus AF, contrast-detection AF in Live View mode
<b>AF points</b>	19 points selectable individually or automatically in reflex mode, roaming-point in Live View mode
<b>Focusing screen</b>	Fixed with transmissive LCD
<b>DoF preview</b>	Yes
<b>PC socket</b>	Yes
<b>Built-in flash</b>	Yes, pop-up unit GN 12m @ ISO 100
<b>Video</b>	MOV files, 1290x1080 pixels (at 29.97, 25 or 23.976fps), 1280x720 pixels (59.94 or 50fps), 640x480 pixels (59.94 or 50fps), max duration 29min 59secs or 4GB size
<b>Cable release</b>	No, optional remote release
<b>Memory card</b>	CompactFlash (inc UDMA)
<b>Power</b>	Rechargeable Li-Ion battery BP-511A (supplied)
<b>Connectivity</b>	USB 2.0 Hi-Speed
<b>Weight</b>	740g (without battery or card/s)
<b>Dimensions</b>	145.5x107.8x73.5mm









Using the EOS 7D's wireless flash control, I fired a Speedlite 550 EX flashgun to illuminate these bottles from behind while the built-in flash lit the labels from in front. I found a lighting ratio of 3:1 (external: built-in flash) worked best for this setup

second, diagonal ('X') f/2.8 or faster cross is located at the central point. In addition, there are two offset horizontal lines in the middle top, bottom and central points for greater precision.

As usual, there are three AF modes: One-shot (for stationary subjects), AI Servo (for moving subjects) and AI Focus, which switches automatically between One-shot and AI Servo when the subject starts or stops moving.

In its default setting there are three methods of selecting the AF point: Single-point AF, Zone AF and Auto-select 19-point AF. The first option allows the photographer to select the AF point, while the last completely hands control over to the camera. With the Zone AF option, the 19 AF points are divided into five zones and the photographer selects the group of points to use to achieve focus. It is useful with moving subjects when they are tricky to follow with a single AF point, but it tends to target the nearest object in the zone. It is also harder to keep the focus on a specific part of the scene – the head of a particular player in a football match, for example – than it is with the single-point AF, but at least it helps keep the focus on that player.

The Auto-select 19-point AF setting is a good choice with subjects that move very erratically, but again it tends to look for the closest potential subject. When AI Servo focus mode is in use, however, the photographer can select the starting AF point and the camera tracks it. Reassuringly, with these modes selected, the active AF point(s) illuminate when Custom Function III-10 is enabled, so it is fairly easy to see whether the camera is tracking the correct subject or not, as with the Nikon 3D tracking system.

Two further AF point selection modes can be added to the default

list via Custom Function III-6. These are Spot AF, which is the same as single-point AF but the points are smaller for greater precision, and AF point expansion. In the latter mode the photographer selects the AF point manually, but the EOS 7D may also use the surrounding AF points to achieve focus. I found this very useful when shooting a rugby match. Unlike the Auto-select 19-point AF option in AI Servo mode, though, the surrounding AF points do not illuminate when they are active.

Two options in the custom menu, AI Servo tracking sensitivity (C.Fn III-1) and AI Servo AF tracking method (C.Fn III-3), add a little extra flexibility and complication to focusing on moving subjects. These options have previously only been seen in the EOS-1D Mark III and EOS-1Ds Mark III, and they determine whether the EOS 7D should continue focusing on the subject when a closer object comes into the frame and, if not, how quickly it should respond. The aim is to help photographers track their desired subject and, where necessary, ignore the sudden appearance of a post or pillar (for example) in the frame when panning.

I am impressed with the EOS 7D's AF system. With subjects that are easy to follow in the viewfinder, I had a success rate in excess of 90%. In more complicated situations my hit rate dropped because of the increased difficulty of keeping the AF point (or group of points) over the correct subject, but, nevertheless, when the AF point was over the subject I got a sharp result in the vast majority of cases. Provided there aren't lots of potential subjects milling around the scene, the Auto-select 19-point AF option does an excellent job of tracking the subject in AI Servo mode. **AP**

●●●●●●●●●● 9/10

## Our verdict

**N**IKON'S enthusiasm for putting the same (or similar) technology in top-level and mid-range DSLRs has rather emphasised the gap between Canon's professional-level EOS-1D series and its semi-professional and enthusiast-level cameras. The EOS 7D closes that gap a little and raises questions about the positioning of the EOS 5D Mark II, which looks a little dated in comparison.

The new AF system in the EOS 7D is impressive, and getting the best from it requires a good understanding of the subject as the camera sees it, as well as the available custom functions. It brings the Canon camera's AF into line with that of Nikon's higher-end offerings. The EOS 7D's AF system combines well with the 8fps maximum continuous shooting rate, making the

camera a good choice for serious sports enthusiasts and professionals who cannot justify the £4,499 price tag of the EOS-1D Mark IV, or those who don't need a larger sensor.

Canon's engineers certainly appear to have been earning their salaries over the past couple of years, and the EOS 7D is a significant improvement over the EOS 50D. Its ability to resolve detail has increased, and noise is much better controlled across the sensitivity range, making the camera much more versatile.

It is worth noting here that none of the images I took during this test exhibits the ghosting phenomenon that has been reported in some images taken with the EOS 7D in its high-speed continuous shooting mode. Canon USA has stated that a firmware upgrade will be issued to deal with it.

## Lab results

Features	●●●●●●●●●●	9/10
Noise/resolution	●●●●●●●●●●	28/30
Dynamic range	●●●●●●●●●●	8/10
LCD/viewfinder	●●●●●●●●●●	9/10
Build/handling	●●●●●●●●●●	8/10
Autofocus	●●●●●●●●●●	9/10
Metering	●●●●●●●●●●	8/10
AWB/colour	●●●●●●●●●●	9/10



## The competition



**Nikon D300s**

DATE TESTED 26 SEPTEMBER 2009



**Pentax K-7**

DATE TESTED 15 AUGUST 2009

**T**HERE isn't really any direct competition with the Canon EOS 7D. Nikon's top-end APS-C-format DSLR, the D300s, has a considerably lower resolution of 12.3 million effective pixels. It also has a street price of around £1,250, almost £450 less than the current street price of the EOS 7D. Meanwhile, the 14.6-million-pixel Pentax K-7 retails for around £1,000.

Although the Nikon D300s and Pentax K-7 are both impressive for their pixel count, neither can quite match the detail resolution of the EOS 7D. It also trumps both of their maximum sensitivity expansion settings of ISO 6400.

Without a head-to-head shoot-out it is difficult to say whether the Canon or the Nikon AF system is faster, but both beat the Pentax K-7. However, on paper at least, the Nikon 300s would appear to offer the slightly better deal with a detection range of -1-19EV instead of -0.5-18EV and a total of 51 AF points rather than 19. The EOS 7D does, however, have more cross-type AF points than the D300s, as all 19 are biaxial rather than just 15 in the Nikon camera. Either model would meet the needs of the sports enthusiast, but some may be put off by the comparatively high cost of the EOS 7D.



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# X-Rite ColorChecker Passport

Colour test cards are nothing new, but the **X-Rite ColorChecker Passport** and software can help create a DNG colour profile specifically for your camera. **Richard Sibley** finds out how much difference it can make

**T**HE trouble with raw files is that they are just raw information. They contain a series of brightness values for millions of red, green and blue photosites found on a camera's sensor, but it is up to software, either in-camera or on a computer, to decipher this information and convert it into a recognisable image.

Of course, different software programs each have their own interpretation of how the colours in an image should be reproduced, which is why you often hear photographers saying they prefer using software 'x' to software 'y' because of its colour tones and hues.

Thankfully, Adobe is trying to standardise raw conversion across its own and a number of other third-party products, by producing the third-party DNG raw file format that can be used in a number of different software packages.

Since the launch of Adobe Camera Raw 4.5 and Lightroom 2, it has been possible to load specific DNG colour profiles for cameras into both pieces of software. On a basic level these can help to recreate the different preset colours that are found in-camera, such as Landscape, Vivid or Neutral.

However, DNG profiles can be even more useful. X-Rite's ColorChecker Passport allows you to create custom

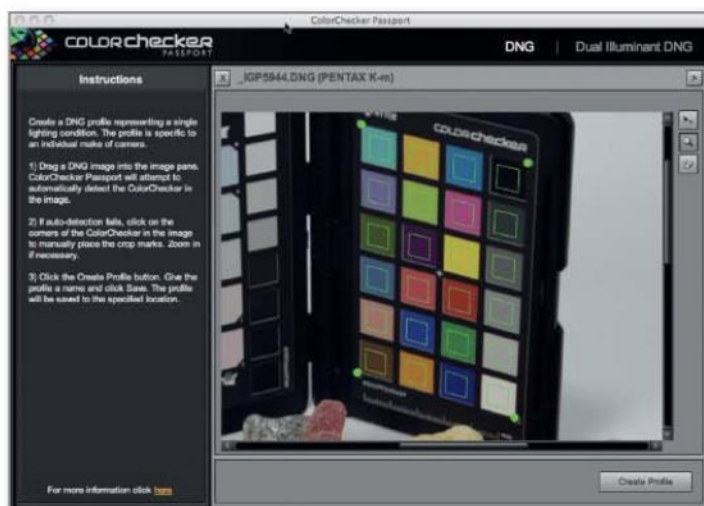


Adobe Standard



ColorChecker Passport

Both these images were taken using a Pentax K-m, and the ColorChecker software was then used to create a custom DNG profile. Applying this profile to the image makes a slight difference, most notably by increasing the saturation of the orange and red hues



Once the image is loaded, the software detects where the Passport is in the frame and analyses the coloured swatches. Then just create and save a profile

## Creative Enhancement Target

**B**Y using the white balance colour picker tool in Camera Raw, warm and cool swatches can be used to alter an image's white balance. Select a cool blue swatch to

help warm up an image, or select a warm orange swatch to cool an image down. Similarly, selecting any of the white, black or grey swatches will set a neutral white balance.



DNG profiles for specific cameras and lighting conditions. Best of all, the profiles can then be applied to any number of raw images in Camera Raw or Lightroom.

## What is it?

The Passport itself is a small plastic case, containing a classic colour chart, a Creative Enhancement Target, and a grey card for creating an in-camera custom white balance and taking meter readings. Of the two charts the classic colour chart is the one used for creating the DNG profiles, while the Creative Enhancement Target helps adjust the white balance in image-editing software.

On its own the Passport is a fairly useful tool, but when it is combined with the ColorChecker Passport software it really comes into its own.

## How it works

The ColorChecker Passport is a colour chart and software system that creates a profile for a camera that will ensure raw images match the colours of a real-life scene, in much the same way as a printer profiler helps to make sure that a printer places the correct colours onto the paper. You can therefore use the Passport and software to create a camera profile that can automatically adjust individual colours and their relationship to each other.

I was surprised by how simple the process of creating a custom camera profile is. With the camera set to shoot raw images, the first stage is to open the Passport to show the classic colour chart. Then just place the Passport in a scene so that it is clearly visible, and take a correctly exposed reference image. After taking the image, remove the Passport and keep shooting the scene as normal.

It is then straightforward to create the DNG profile using the software. The software itself comes either as a standalone product or as a plug-in for Adobe Lightroom (see *Using ColorChecker Passport with Lightroom* above). When using the standalone product, all you need to do is load the raw file into the software. It will then look for the classic colour chart in the picture and, once found, highlight it on the screen.

From here all that's required is to select Create DNG Profile. The software analyses each colour swatch on the image of the chart and makes a note of the required colour adjustment that will match it to the colour of the physical chart. Once this is done, you can name the profile appropriately and it will then be automatically saved to the correct folder on the computer.

For even greater accuracy, it is



# Using ColorChecker Passport with Lightroom

**X**-RITE has developed a plug-in so that the ColorChecker software can create a DNG profile from within Lightroom. By selecting the image and choosing to export it to the X-Rite software (1), a DNG profile is created discreetly in the background.

Once created, the profile becomes visible in the Camera Calibration section of the Develop module (2).

Select the newly created DNG profile followed by all the other images taken of that scene. The software can then quickly and easily apply the profile to each image.

**The level of precision it enables as well as time saved make the ColorChecker Passport good value for money**

possible to create a Dual-Illuminant Profile. This is created from two images taken under different light sources. So, for example, if you're using tungsten lighting for part of a shoot and then flash for the remainder, it is possible to load a ColorChecker image from each lighting condition to create a single profile. With the correct neutral white balance set, applying the custom DNG profile to the images will standardise the colours of all the images taken during the shoot, regardless of which of the two light sources they were taken under.

## Using the profile

It is easy to access a saved profile using Adobe Camera Raw 4.5 or above, or Adobe Lightroom 2 or

above. In the Camera Calibration panel select Camera Profile. This will usually be set to Adobe Standard, which is Adobe's standard profile for the particular camera that was used.

Scrolling down the list should now show the new profiles you have created. Simply select your custom profile and it will be applied to the image. I found that the changes that were made sometimes differed only slightly from the Adobe Standard profile, and more often than not only one or two colours were affected. However, close inspection of specific colours using a calibrated monitor shows that the profile makes those colours look far closer to their real-life counterparts, and this is therefore a much better starting point for more creative image editing.

It must be noted that the DNG profiles themselves do not adjust an image's white balance; this must be done either using the camera custom white balance and ColorChecker grey card or in raw-editing software. What the custom profiles do is adjust the hue, saturation and brightness of each colour to make sure that colours in images are consistent, which is priceless if you shoot with a variety of cameras and lighting conditions.

## System requirements

Windows XP or Vista with Pentium 4 processor or better  
Mac OSX 10.4 or better with G4 processor or better  
512MB RAM and 200MB hard-disk space  
Adobe Photoshop CS3, Lightroom 2, Elements 7, or Camera Raw 4.5 or later

## Our verdict

**T**HE X-Rite ColorChecker Passport does make a difference to image colours, but how important this is depends on your photography. I think it's a great, easy-to-use device that helps to maintain colour accuracy.

With the addition of the grey card and Creative Enhancement Target chart, the X-Rite ColorChecker Passport will save a lot of time when editing images. While £80 seems high, the level of precision it enables makes it good value for money. **AP**



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# Q&A

More questions & answers available at... [www.amateurphotographer.co.uk/help](http://www.amateurphotographer.co.uk/help)



## Map it out

**Mike Draycott asks** I have a Canon PowerShot G9 and I like to go walking and cycling, but I don't like carrying lots of maps. I've found the best solution is to photograph the relevant sections of the map and use the camera to view these pictures while I'm out. However, one of the maps I want to view is a JPEG downloaded from the internet, but I can't get this to show up on my camera's LCD screen. Even if I take an image from the camera, paste the map onto it in Photoshop and put it back on the card, the camera still says, 'Unrecognised format'. What can I do?

**Barney Britton replies** I don't think you'll get the image to display on your camera's screen, Mike. Most cameras can only display images they have captured. Images captured using other cameras are generally not displayed at all, or are shown as a low-resolution preview image. However, many modern mobile phones and most 'smartphones' are able to save images from the internet, and display JPEG files that are saved onto their memory.

So, you have three possible options. First, see how your mobile phone fares. Second, invest in a separate image viewer, like the DigiMate V (tested in AP 28 June 2008), which would be ideal both as an image viewer and as portable storage for your other photographs. The DigiMate V is available for around £100 and is compatible with a wide range of card formats. Your third and final option is to bite the bullet and buy a map holder.

### Do you have a photographic question that you would like answered?

Be it about modern technology, vintage equipment, photographic science or help with technique – here at AP we have the team that can help you.

Simply send your questions to: [apanswers@ipcmedia.com](mailto:apanswers@ipcmedia.com) or by post to: AP Answers, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.

### Software selection

**John Ware asks** In the past, you have stated that Adobe Photoshop Elements and Corel's Paint Shop Pro offer virtually everything the average amateur needs. So why do you use Photoshop CS4 to demonstrate image-manipulation techniques?

**Barney Britton replies** Both Photoshop Elements and Corel's Paint Shop Pro are excellent platforms, but Elements doesn't offer support for Layers and Paint Shop Pro is a PC-only program. AP's staff works almost exclusively with Macintosh computers, which makes PSP inconvenient for regular use when producing technique articles. Ultimately, most high-end software offers similar core functionality and hopefully, the tips you pick up in AP should have a fairly wide application.

### Picture quality

**Paul Cox asks** Having bought a Canon EOS 450D with an 18-55mm kit lens, I decided to send in a submission to the picture library Alamy. After about a week the quality-control editors delivered their verdict. My images had failed to meet the standard required because they are 'soft/lacking definition'. I cannot afford another lens, so how can I get my work accepted?

**Barney Britton replies** Your 18-55mm lens isn't the best performer in Canon's stable, Paul. In my experience with this optic, edge definition is typically rather soft, and fringing, distortion and vignetting can be an issue at wide apertures and towards the extremes of the frame.

If you can't afford to upgrade your lens, here are a few tips to get the most out of it. First, avoid shooting at apertures larger than f/8 for maximum sharpness across the frame. Second, shoot in raw mode and be prepared to spend some time working on your images in Canon's Digital Photo Professional. Finally, consider DxO Optics Pro V. This is a software program designed to correct the specific optical characteristics of various camera/lens combinations, and can make an enormous difference to the quality of raw files from so-called 'kit' lenses, including the Canon EF 18-55mm f/3.5-5.6.

DxO Optics Pro V costs £86.09 for the standard version, and you can find a list of supported cameras and lenses at [www.dxo.com](http://www.dxo.com). I can't promise that any of this advice will get your pictures accepted by Alamy, but it should help you improve the quality of your images in the meantime.

## FAQ

Frequently Asked Question

The term 'bokeh' is taken from the Japanese word 'boke', which translates as 'fuzzy' or 'blurry'. It has been used as a photographic term for about 15 years and describes the out-of-focus areas of an image, particularly where a large aperture has created a shallow depth of field. The

look of the out-of-focus areas is largely a product of the shape of the aperture of a lens. Expensive portrait lenses have very intricate lens blade designs, allowing them to have a completely circular pupil no matter what size the aperture is set at. For example, a lens that produces a smooth, blurry, out-of-focus area with circular, specular highlights may be described as having 'nice bokeh'. In contrast, a lens that creates very sharp edges in out-of-focus areas and has visible hexagonal-shaped specular highlights may be described as having 'poor bokeh'. **Richard Sibley**



## FROM THE AP FORUM

Join our online community, and be informed and entertained

Your questions answered



### Using expired film

**Attack\_donut asks** I know that film can still be considered good after the expiry date, but if I find a film from, say, 1975 and shoot with it, what will happen once it is developed?

**SUNSHINE replies** Don't use it to take any important photographs! I shot some well-out-of-date 120 colour film recently, and although the colours weren't too far out of range, some of the emulsion was lifting in places. It's always worth trying it out for experimental purposes, but don't expect 'normal' results.

**PeteE replies** If you use outdated colour and black & white negative film, especially emulsions faster than ISO 400, it will require more exposure. I used some 2002-dated Fujicolor Superia 400 in Morocco recently; I rated it at ISO 200 and got great results – the pictures actually won some prizes at my camera club! I was given some ISO 1600 Fuji film recently too, and I exposed it at ISO 400 with good results.

**Benchista replies** Today's C-41 processing for colour negative film was introduced in 1972 for 110 format and in 1973 for other formats. However, there were some older processes still in use in 1975 that most labs might struggle to replicate today. The good news is that most film can still be developed here in the UK by sometime member on these forums Dom Roberts, at [www.process22.co.uk](http://www.process22.co.uk). Dom is an expert in older film emulsions and developing techniques.

### BluBox frustration

**Lindsay Forster writes** I was delighted to read of an opportunity to obtain a free copy of BluBox compression software in my subscription copy of AP 10 October. I was very upset, however, to find that BluBox is a Windows-only program and does not run on Macintosh machines. I am sure I must be one of thousands of frustrated readers.

**Barney Britton replies** BluBox, like many programs written for the mass market, is currently PC only. In our defence, we did include this important information at the foot of the offer page, and it was also made clear when we reviewed BluBox in AP 25 July. Mac users don't have to wait long, though, because BluBox is working on a Mac version, which should be ready before the end of the year. Unfortunately, our most recent offer will have expired by then, but I am assured that more promotional activities will accompany the launch of the new version, so watch this space for other offers.

Alternatively, you can run BluBox on your Mac today if you download a program called Parallels. Parallels is a piece of software designed to run PC programs within the Macintosh operating environment. It costs \$79.99 (roughly £50) and you can find a download link at [www.blubox.com](http://www.blubox.com) via the FAQ pages. Although I appreciate that £50 is a lot to pay to take up a 'free' offer, Parallels is very useful in its own right and will allow your Mac to run countless other 'Windows only' programs.



# Next week

On sale Tuesday 10 November



## Canon PowerShot G11

With 10 million pixels instead of the 14.7 million of its predecessor, will the pixel reduction in the G11 improve noise and low-light performance?

**Richard Sibley** puts it to the test



## Reader masterclass

**Bob Barday** and three readers make captivating images of Scotland's Eilean Donan castle

## Resolving power

In the first of a two-part feature, AP's photo-science consultant **Geoffrey Crawley** looks at image resolution



**A landscape like no other**  
**Mike Sheil** explains how the scarred landscapes of the First World War's Western Front are attracting growing numbers of amateur photographers

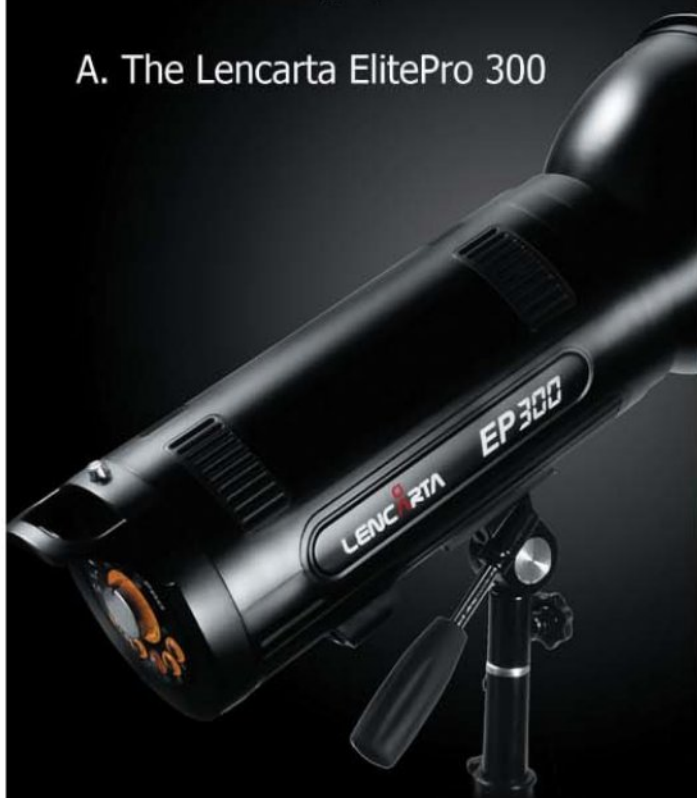
## Fill-in light at night

**Richard Sibley** shows how to balance ambient and fill-in light to produce atmospheric night-time images



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## At a glance

- 12.1-million-pixel CCD sensor
- 10x optical zoom (24-240mm equivalent)
- 3in LCD screen
- ISO 80-1600 (ISO 3200 at 3MP)
- Street price £219.99

# Canon PowerShot SX20IS

Does a 12.1MP sensor and 20x optical zoom lens make **Canon's PowerShot SX20IS** the perfect bridge camera? **Richard Sibley** tests it out

**D**ESIGNED to 'bridge' the gap between a compact camera and an entry-level DSLR, Canon's latest bridge camera, the PowerShot SX20IS, has a huge range of features. The aim is to give the SX20IS the ease of use of a compact camera but with the manual controls and options of a DSLR.

The most attractive selling point of the SX20IS is its 20x optical zoom lens (the equivalent of a 28-560mm 35mm-format optic). This is stabilised to avoid camera shake, which can be a concern when shooting at such extreme focal lengths.

Images are captured on a 12.1-million-pixel CCD sensor measuring just 6.16x4.62mm in size. This small compact-camera-sized sensor allows for such an extreme zoom lens to be used in a compact form. However, the downside is that with a surface area less than one-tenth the size of an APS-C-format DSLR, noise may be visible even at low ISO sensitivities.

## Build and handling

Generally, the design of the PowerShot SX20IS's body and its button layout make it feel like a DSLR, but the menu layout and on-screen displays have more in common with Canon's compact camera range.

Like a DSLR, the SX20IS has a viewfinder, albeit an electronic one.

With a resolution of around 235,000 dots, it is clear and bright enough to frame an image. Manual focusing is possible thanks to the centre of the image being magnified. Another similarity to a DSLR is the inclusion of a built-in flash and a hotshoe for external Canon-compatible flashguns.

On the whole, the camera handles well and is straightforward to use. Those photographers who want full control over their cameras have a manual exposure mode, while those who are less confident can use the control dial to select automatic or scene modes.



In macro mode, the Canon PowerShot SX20IS is capable of capturing a lot of fine detail

## Performance

Image quality from the SX20IS is on par with that of a 12-million-pixel compact camera. With so many photosites on such a small compact sensor a lot of detail is capable of being resolved, but sadly noise reduction has caused smudging and loss of detail, particularly above ISO 400. This gives the impression that most of the images are soft, but this shouldn't be too much of an issue provided images aren't printed larger than A4 in size.

Image quality is again compromised by the appearance of purple and green fringing on the edges of high-contrast areas. It appears this may have been reduced in-camera, but is still visible at the edges of the frame.

However, when shooting in macro or super macro mode, below ISO 400, the SX20IS performs well, managing to resolve all the fine hairs on a dandelion clock (see image below left).

In evaluative metering mode I found that the images were a little bright, and I used the EV compensation to adjust the images by between -0.3EV and 1EV to prevent too many burnt-out highlights. Switching to spot or centre produced similar results, so I left the camera set to -0.3EV.

I found that the white balance settings of the SX20IS were reasonably accurate, including AWB. Despite the number of colour modes available in the PowerShot SX20IS, I got the best results using the My Colours settings. When I turned the contrast and saturation to their minimum settings, this produced more realistic images and gave me a starting

point from which to adjust the colour and contrast in Adobe Photoshop.

Autofocusing is as fast as with many other compacts and is perfectly usable in most situations. The zoom control is also very fast, taking just over a second to move from its 28mm to 560mm equivalent focal length. When using image stabilisation, I managed to shoot as slow as 1/40sec at the 560mm focal length.

With the PowerShot SX20IS also being capable of capturing video footage, it is a good camera for holidaymakers, especially those who don't want to deal with the complexities of a DSLR.

## Verdict

Although the Canon PowerShot SX20IS is well built and easy to use, with image quality on a par with that of a compact camera, enthusiast photographers won't be rushing out to buy one. However, for those looking to develop their photography skills and move up from a compact camera, or wanting an extremely large zoom, the SX20IS is a good option. **AP**



## Data file

Canon UK, Woodhatch, Reigate, Surrey RH2 8BF. Tel: 01737 220 000. Web: [www.canon.co.uk](http://www.canon.co.uk)

RRP	£329.99
Sensor	12.1 million effective pixels
Output size	4000x3000 pixels
Lens	24-105mm (equivalent) f/2.8-5.9
ISO	ISO 80-1600 (plus ISO 3200 at 2MP resolution)
Exposure modes	Auto, program, manual, plus 17 scene presets
Exposure metering	Evaluative, centreweighted, spot
White balance	Auto, 5 presets, custom
LCD	3in with 230,000 dots
AF modes	AiAF (9 point with face detection), One Point Centre AF, Touch AF with tracking
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Power	Rechargeable Lithium-ion
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**Nikon Camera Control Pro 2** **£145**

**FILTERS prices start from...**

Circular Polarising	£39.14	L39 UV	£27.39	R60 Red	£27.39
A12 Amber	£27.39	Neutral Colour	£14.67	SOFT No.1	£96.88
B2 Blue	£27.39	ND400 Neutral Density	£27.39	X0 Green	£27.39
B8 Blue	£27.39	ND45 Neutral Density	£27.39	Y48 Yellow	£27.39
L18C Skylight	£46.97	ND85 Neutral Density	£27.39	Y52 Yellow	£27.39
L37C UV	£42.07	OS6 Orange	£27.39	C-PL11 Drop-in Circular	£176.16

DIGITAL SLR ACCESSORIES			
<b>Nikon D60</b>	AS-15 £22.99	EN-EL9 £39.99	MH-23 £45.99
<b>Nikon D90</b>	CF-D80 £34.99	EN-EL3e £69.99	EH-5A £79.99
<b>Nikon D700</b>	EN-EL3e £69.99	MB-D10 £259.49	EH-6 AC £79.99
<b>Nikon D300</b>	EN-EL3e £69.99	MB-D10 £259.49	WT-4 £597.02
<b>Nikon D3</b>	EN-EL4a £99.99	MH-21 £127.22	MH-22 £233.01



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**EOS 500D BODY ONLY** **£504.99** £454.99 inc. Cashback  
**EOS 500D +18-55mm IS USM** **£574.99** £524.99 inc. Cashback  
**EOS 500D +18-200mm IS USM** **£854.99** £804.99 inc. Cashback

**!Saving on 500D + 18-200mm (RRP £1399.99)**

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**EOS 1000D +18-55** **£384.99** or £16 mth  
**EOS 1Ds Mk III BODY ONLY** **£5039** or £205 mth

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### Canon LENSES

TS-E 17mm f4 L	EF 14mm f2.8 II USM	EF 15mm f2.8 Fisheye	EF 17mm f4 L	EF 20mm f2.8 USM	EF 24mm f2.8	TS-E 24mm f2.8	EF 24mm f2.8 IS	EF 28mm f1.8 USM	EF 28mm f2.8	EF 35mm f1.4L USM	EF 35mm f2.8 IS USM	TS-E 45mm f2.8	EF 50mm f1.2L USM	EF 50mm f1.4 USM	EF 50mm f1.8 II	EF-S 60mm f2.8 USM Macro	MP-E65mm f2.8	EF 85mm f1.2L II USM	EF 85mm f1.8 USM	TS-E 90mm f2.8	EF 100mm f2.0
£2149.89 or £88 per month	£1278.89 or £52 per month	£1544 or £63 per month	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth	£1878.89 or £77 mth

### Canon FILTERS prices start from...

UV Filter	£15.16
Skyline Regular	£20.54
ND 4L Neutral Density	£29.35
ND 8L Neutral Density	£29.35
Circular Polarising	£78.29
Softmat 1 Soft Focus	£63.61

### Canon ACCESSORIES

WFT-E2 Wireless	£699
WFT-E3 Wireless	£699
WFT-E4 Wireless	£898.63
M30 Media Storage	30GB £302.41
M80 Media Storage	80GB £400.29

### Canon EXTENDERS

EF 1.4x Extender	£279.99 or £12 mth
EF 2x II Extender	£284.99 or £12 mth

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### Canon FLASH GUNS

430 EX II	MR14 EX	580 EX II
£139	£139	£449
£214	£214	£749

### Canon MULTIPLE FLASH SET UP

1. TTL Hot Shoe Adaptor 3	£55.54
2. TTL Distributor	£49.99
3. Off Camera Shoe Adaptor	£19.53
4. Connection Cord 0.6m length	£45
5. Connection Cord 3m length	£48.93

### Canon DIGITAL SLR ACCESSORIES

Canon EOS 450D	Canon EOS 40D	Canon EOS 5D Mark II	Canon EOS 1D Mark III	Canon EOS 1D Mark IV
BG-E5 LP-E5 HL-E5 LC-E5 CB-E5 ACK-E5 RS-60E3 RC-5 RC-1 Angle Finder C EP-EX15 RF EF DioSeries CUP-EF EW-100DMM EH-19L IFC-450D6	BG-E2N OSKE3 BP511 CB-SL CA-PS400 CA-S70 ACK-E2 RS-60E3 TC-R0N3 LC-5 Angle Finder C EP-EX15 Rubber Screen E8 Dioptrics Eyecup E8 WFT-E3A IFC-500U	BG-E6 LP-E6 Wide Strap L6 OSKE3 RC-5 CB-S70 RS-R0N3 TC-R0N3 LC-5 Angle Finder C EP-EX15 Rubber Screen E8 Dioptrics Eyecup E8 Focus Screen E8 WFT-E4 IFC-500U	LPE4 ACK-E4 LCE4 CB-S70 RS-R0N3 CB-TCR0N LCS Angle Finder C Antifog Dioptrics Eyecup EG Focus Screen E8 WFT-E2 OSKE3 Hand Strap E1 Wide Strap L6 IFC500U	LPE4 ACK-E4 LCE4 CB-S70 RS-R0N3 CB-TCR0N LCS Angle Finder C Antifog Dioptrics Eyecup EG Focus Screen E8 WFT-E2 OSKE3 Hand Strap E1 Wide Strap L6 IFC500U
£119.00 £44.49 £29.35 £44.03 £89.00 £59.00 £24.49 £20.99 £21.49 £169	£149.49 £179.99 £89.49 £44.03 £105 £42.99 £58.71 £44.49 £129 £322.96	£229.49 £21.49 £22.49 £179.99 £20.99 £36 £44.49 £129 £322.96	£119.99 £86.03 £377.45 £36 £44.49 £129 £322.96	£119.99 £86.03 £377.45 £36 £44.49 £129 £322.96

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## OLYMPUS E-SYSTEM



Olympus E-420

E-420 BODY ONLY	£249.99 or £11mth
E-420 BODY + 14-42mm lens	£289 or £12mth
E-420 BODY + 14-42mm + 40-150mm lens	£374 or £16mth
E-420 BODY + 25mm pancake lens	£378 or £16mth

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Olympus E-520

E-520 BODY ONLY	£299.99 or £13mth
E-520 + 14-42mm lens	£384 or £16mth
E-520 + 14-42mm + 40-150mm lens	£442.99 or £18mth
E-520 + 14-42mm + 70-300mm lens	£614 or £5mth

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Olympus E-620

E-620 BODY ONLY	£474 or £20mth
E-620 + 14-42mm lens	£582 or £24mth
E-620 + 14-42mm + 40-150mm lens	£667 or £27mth
E-620 + 25mm lens	£609 or £25mth

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The NEW mirrorless Olympus E-P1. It's not a compact, it's not a DSLR - it's a pen! This compact, DSLR quality, hybrid device can record HD quality movies.

E-P1 Body Only £569  
E-P1 + 14-42mm £599  
E-P1 + 17mm £679  
E-P1 + 17mm + 14-42mm £749  
17mm pancake £289  
14-42mm £289



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## OLYMPUS Olympus E-30 & E-3 Kits available on our site!

E-30 Body Only	£723 or £30 mth
E-3 Body Only	£959.99 WAS £987.99

## SONY



Sony A500

The 12.3 megapixel CMOS sensor records images in immaculate detail while the Exmor technology cuts noise in the processing phase. This model features a large 3.0" tilt 'LiveView' screen.

A500 BODY ONLY	PRE-ORDER £539
A500 + 18-55mm	PRE-ORDER £619
A500 + 18-55mm + 55-200mm	PRE-ORDER £789

## SONY



Sony A550

Crisp, low-noise images packed with fine detail and vibrant colours. The Quick AF Live View now supports even speedier shooting responses with rapid, precise autofocus and face detection.

A550 BODY ONLY	PRE-ORDER £579
A550 + 18-55mm	PRE-ORDER £629
A550 + 18-55mm + 55-200mm	PRE-ORDER £779

## SONY



Sony A850 - Pre-Order price crash...

"Full-frame DSLR shooting at a real-world price" - Sony press release 2009. The Sony Alpha A850 is a 24.6 megapixel full-frame DSLR that shares virtually all the major features of the flagship A900. The only differences obvious differences being 3fps continuous shooting and a slightly more compact viewfinder.

A850 BODY ONLY	£1669 or £68 mth
A850 + 28-75mm	£2084 or £85 mth

## SONY



Sony A900

The Sony Alpha a900 is a full-frame 24.6 megapixel DSLR with a fast and accurate 9-point AF with 10 focus assist points, 5fps continuous shooting at full resolution and a high resolution 3" Xtra Fine LCD. The digital SLR camera also features an "Exmor" CMOS sensor, an expandable ISO 200-3200 range and Steady Shot Inside. Steady Shot Inside is an enhanced in-body optical stabilisation system which delivers up to 4 steps of anti-shake correction.

A900 BODY ONLY	£1899 or £77 mth
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## SONY

Other Sony Kits available to buy online or by phone...

A230 + 18-55mm f3.5-5.6 DT lens	£342.99 or £14 mth
A230 + 18-55mm + 55-200mm	£479 or £20 mth

A380 BODY ONLY	£469 or £19 mth
A380 + 18-55mm + 55-200mm	£624 or £26 mth
A380 + 18-55mm f3.5-5.6 DT lens	£492 or £20 mth

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Pentax K20D

K20D BODY ONLY	£659.99 or £27 mth
K20D + 18-55mm II	£599 or £28 mth
K20D + 18-55 II + 50-200mm	£768 or £32 mth



Pentax K-7

K-7 BODY ONLY	£1039 or £43 mth
K-7 + 18-55mm II	£1039 or £43 mth
K-7 + 18-55 II + 50-200mm	£1124 or £46 mth



Panasonic G1

Despite its compact size, the G1 features a large 3.0" 460,000 dot swivelling LCD screen, "Live View" 60fps electronic viewfinder with 1.4x magnification and 14mm eye relief. NB. This is Micro Four Thirds system DSLR.	
G1 + 14-45 (Red, Blue or Black)	£459 or £19 mth



Panasonic GH1

DMC-GH1 + 14-140 (Red or Black)	£1149 or £47 mth
DMC-GH1 14-140 + DMW-MS1 Stereo Mic	£1189 or £49 mth
DMC-GH1+DMW-MS1 +8GB SD+HDMI Cable	£1249 or £51 mth



Panasonic GF1

GF1 BODY ONLY	£519 or £22 mth
GF1 + 14-45mm	£669 or £28 mth
GF1 + 20mm	£769 or £32 mth

## SIGMA LENSES We are a Sigma Pro Lens stockist

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8mm f3.5 EX DG Fisheye	£718.99 or £30 mth
10mm f2.8 EX DC HSM	£559.99 or £23 mth
15mm f2.8 EX DG Fisheye	£554.99 or £23 mth
20mm f1.8 EX DG	£475.99 or £20 mth
24mm f1.8 EX DG	£396.99 or £17 mth
28mm f1.8 EX DG	£322.89 or £14 mth
30mm f1.4 EX DC HSM (62mm)	£388.89 or £16 mth
50mm f2.8 EX DG Macro	£234.99 or £10 mth
50mm f1.4 EX DG HSM (Sigma Fit)	£359 or £15 mth
70mm f2.8 EX DG Macro	£374 or £16 mth
105mm f2.8 EX DG Macro	£374 or £16 mth
150mm f2.8 EX DG Macro	£563.99 or £23 mth
180mm f3.5 EX DG Macro	£723.99 or £30 mth
300mm f2.8 EX DG HSM	£2189.99 or £89 mth
500mm f4.5 EX DG HSM	£3789.99 or £154mth
800mm f5.6 APO EX DG HSM	£7999.99 or £221mth
10-20mm f4.5-6.3 EX DC HSM	£391.99 or £16mth
NEW! 10-20mm f3.5 EX DC HSM	£519.99 or £22 mth
12-24mm f4.5-5.6 EX DC HSM	£674 or £28 mth
17-70mm f2.8-4.5 DC Macro	£243.99 or £10 mth
18-50mm f3.5-5.6 DC (Four Thirds Fit)	£73.99
18-50mm f3.5-5.6 DC (Canon/Pentax/Sigma/Minolta or Sony)	£75.99
18-50mm f3.5-5.6 DC (Nikon Fit)	£94.99
18-50mm f2.8 EX DC Macro 4/3 System	£312 or £13 mth
18-50mm f2.8 EX DC (Canon Fit 72mm)	£118.99 or £13 mth
18-50mm f2.8 HSM (Nikon Fit)	£312 or £13 mth
NEW! 18-50mm f2.8-4.5 DC OS HSM	£279 or £12 mth
18-125mm f3.5-6.3 DC OS HSM	FROM £234.99
18-200mm f3.5-6.3 DC OS	£283.99 or £10 mth
18-250mm f3.5-6.3 DC OS HSM	£287.99 or £12 mth
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NEW! 50-200mm f4.5-6.3 DC OS HSM	£239 or £10 mth

50-500mm f4-6.3 EX DG II	£1057.99 or £43 mth
55-200mm f4-5.6 DC	£99.99
55-200mm f4-5.6 HSM (Nikon Fit)	£99.99
70-200mm f2.8 APO EX DG Macro MkII	£648.99 or £27 mth
70-300mm f4-5.6 DL Macro Super DG	£124.99 or £13 mth
100-300mm f4 EX IF DG	£1119.99 or £46 mth
120-300mm f2.8 APO EX IF HSM DG	£2389 or £97 mth
120-400mm f4.5-5.6 APO DG OS HSM	£998.99 or £25 mth
150-500mm f5-6.3 APO DG OS HSM	£698.99 or £29 mth
200-500mm f2.8 EX DG	£1899.99 or £77mth
300-800mm f5.6 EX DG APO HSM	£7249 or £294mth
2.0x APO DG Teleconverter	£218.99 or £10 mth
1.4x APO DG Teleconverter	£182.99

## TAMRON LENSES

NEW! 60mm f2 Macro	£524.99 or £22 mth
90mm SP Di Macro	£349.99 or £15 mth
180mm f3.5 AF SP Di	£694.99 or £29 mth
300mm f2.8 AF SP (Canon Fit)	£2499.99 or £100mth
10-24mm f3.5-4.5 Di II LD ASP IF	£379.99 or £16 mth
17-50mm f2.8 AF XR Di-II LD ASP IF	£328.99 or £14 mth
18-200mm f3.5-6.3 AF XR Di II	£157.99
18-250mm Di II	£348.99 or £15 mth
NEW! 18-270mm f3.5-6.3 Di II VC LD IF Macro	£449.99 or £19 mth
28-75mm f2.8 SP AF Di	£348.99 or £15 mth
28-80mm f3.5-5.6 AF	£93.99
28-200mm f3.8-5.6 AF XR Di ASP IF	£248.99 or £11 mth
28-300mm AF XR Di	£299.99 or £13 mth
28-300mm AF VC Di	£499.99 or £21 mth
55-200mm f4.5-6.3 AF Di II LD Macro	£104.99
70-200mm f2.8 SP Di (Canon Fit)	£459.99 or £19 mth
70-200mm f2.8 SP Di (Nikon/Sony/Pentax)	£594.99 or £25 mth
70-300mm f4.5-6.3 AF Di LD Macro 1:2	£123.99
200-500mm f5-6.3 SP AF Di	£854.99 or £35 mth

## SONY LENSES

16mm f2.8 Fisheye	£547 or £23 mth
20mm f2.8	£427 or £18 mth
28mm f2.8	£177
NEW! 30mm f2.8 SAM Macro DT	£149
35mm f1.4G	£1049 or £43 mth
50mm f1.4 AF	£282 or £12 mth
NEW! 50mm f1.8 SAM	£134.99
50mm f2.8 AF Macro (D)	£407 or £17 mth
85mm f1.4 ZA Planar T*	£1047 or £43 mth
100mm f2.8 AF Macro (D)	£498 or £21 mth
135mm f2.8 STF	£847 or £35 mth
300mm f2.8G	£4248 or £174mth
500mm f8 Reflex	£518 or £22 mth
11-18mm f4.5-5.6 DT AF (D) Lens	£467 or £19 mth
16-80mm f3.5-4.5	£548 or £23 mth
16-80mm f3.5-4.5 ZA V5 T* DT	£547 or £23 mth
16-105mm f3.5-5.6	£427 or £18 mth
18-70mm f3.5-5.6 AF (D) Lens	£127
18-200mm f3.5-6.3 DT AF (D) Lens	£388 or £16 mth
18-250mm f3.5-6.3	£427 or £18 mth
24-70mm f2.8 ZA	£1289 or £53 mth
NEW! 28-75mm f2.8 SAM	£599 or £25 mth
55-200mm f4-5.6	£177
70-300mm f4.5-5.6 G	£667 or £27 mth
75-300mm f4.5-5.6 AF (D) Lens	£177

## PENTAX LENSES

14mm f2.8 SMC DA ED IF	£517.99 or £21 mth
40mm f2.8 DA SMC	£355 or £15 mth
50mm f1.4 FA	£169
50mm f2.8 DA FA Macro SMC	£448.99 or £19 mth
70mm f2.4 DA	£484 or £20 mth
100mm f2.8 DA FA Macro SMC	£529 or £22 mth
10-17mm f3.5-5.6 DA Fisheye	£469.99 or £22 mth
12-24mm f4 DA ED AL IF	£158.99 or £22 mth
16-45mm f4 DA ED AL SMC	£292.99 or £12 mth
16-50mm f2.8 DA* ED	£834 or £34 mth
17-70mm f4 AL DA IF SDM	£328 or £14 mth
18-35mm f4.5-5.6 SMC FA J	£175.19
18-55mm MKII DA	£169.99
18-55mm f3.5-5.6 AL WR	£179.99
18-250mm f3.5-6.3 DA	£391.99 or £16 mth
50-135mm f2.8 DA* ED	£914.99 or £38 mth
50-200mm f4-5.6 ED AL WR	£199.99
55-300mm DA	£294
NEW! 60-250mm f4 ED IF SDM	£1149 or £47 mth

## OLYMPUS

8mm f3.5 Fisheye	£677.99 or £28 mth
25mm Pancake Lens	£197.99
35mm f3.5 Macro	£197.99
50mm f2 Macro ZUIKO ED	£443.99 or £18 mth
7-14mm f4 ZUIKO Digital	£1347 or £55 mth
NEW! 9-18mm f4.5-5.6 ZUIKO ED	£1738 or £71 mth
11-22mm f2.8-3.5 ZUIKO Digital	£729 or £30 mth
12-60mm ED f2.8-4.0 SWD	£827.99 or £34 mth
NEW! 14-35mm f2.0 SWD ZUIKO Digital	£1738 or £71 mth
14-42mm f2.8-3.5 ZUIKO Digital	£218.99 or £9 mth
14-54mm f2.8-3.5 ZUIKO Digital	£423.99 or £18 mth
18-180mm f3.5-4.5	£417.99 or £17 mth
35-100mm f2.0	£1894.99 or £77 mth
50-200mm ED f2.8-3.5 SWD	£989.99 or £41 mth
50-100mm Zuiko Digital ED Mk2 f4.5-6	£237.99 or £10 mth
70-300mm f4.0-5.6	£323.99 or £14 mth



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PowerShot S90	£449
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<b>Nikon</b>	
Coolpix Models:	
L20	£86.49
L100	£199
NEW! S570	£169
S620	£169
NEW! S640	£199
P90	£279.99
NEW! S1000pj	£389

### SPECIAL OFFER

**NIKON S220 SAVE £50!  
WAS £149...includes  
FREE leather case  
ONLY £99**



**Cyber-shot DSC-W210 £124.99**  
WAS £199

<b>CyberShot Models:</b>	
S930	£78.99
W210	£124.99
W220	£139
W270	£169
H20	£214
T90	£224
T900	£299
NEW! WX1	£289.99
NEW! TX1	£299.99
HX1	£379

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### FUJIFILM

FinePix Models:

NEW! A170	£69.49
Z30fd	£99
NEW! J30	£104.49
J250w	£137
S2000HD	£174
F200EXR	£197.99
NEW! F70EXR	£206.99
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**Finepix F60fd £174**

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Mju Models:

NEW! 7010	£187.49
9000	£239
NEW! Tough 6010	£218.49
Tough 8000	£274
9000	£239

SP Models:  
SP-590 UZ WAS £329 **£279**



**FE 5020 Dark Grey £125.99**

### Panasonic

DMC-TZ7

**£249**  
or £111mth



DMC-FS7	£117.99
DMC-FS25	£164.49
NEW! DMC-ZX1	£219.49
NEW! DMC-FZ38	£259
DMC-LX3	£339

### PENTAX

Optio W80

**£229**  
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Optio E70L	£72.99
Optio P70	£147
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## UNDERWATER CAMERAS & ACCESSORIES

**ONLY £259**

12.1 MP  
PowerShot D10

**ONLY £218.49**

12.0 MP  
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10.0 MP  
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FinePix Z200 (Black) Dive Kit

**ONLY £243.70**

External Flash

**ONLY £139.99**

Underwater Strobe Kit

**CAMCORDERS** Visit [www.warehouseexpress.com](http://www.warehouseexpress.com) for our complete range

### Canon



Stores up to 10Hrs of video on the internal 8GB memory or even more on the optional SDHC memory card.

**Legria FS20 Silver SD/HD Camcorder**

**£289**  
or £121mth

### Canon



Dual-recording system storing up to 22Hrs of 1920x1080 Full HD movies on its 60GB HDD or you can store via SDHC cards.

**HG20 80GB HDD/SD High Definition Camcorder**

**SAVE £110 NOW £559**  
WAS £669

### Canon



A compact but creative camera with Full HD capabilities including a HD Lens, HD Mini DV Tapes and Advanced Cinema modes.

**Legria HV40 High Definition Camcorder**

**£884**  
or £361mth

### JVC



Ultra-slim and compact camcorder with dual SD/SDHC card slot, KONICA MINOLTA LENS, 35x optical zoom and easy "One Touch" buttons.

**JVC MS120 SD Camcorder**

**£209**  
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### SONY



Incredible record time, smart features and Full HD 1080p video recording

**HDR XR520VE 240GB HardDrive + Memory Card High Definition Camcorder**

**£1119**  
or £461mth



Stylish and capable of recording 1080i HD Video at 60fps, with slow-motion recordings at 600fps. All that and 8MP 10x optical zoom.

**Sanyo Xacti HD2000 Camcorder**

**£459**  
or £191mth

### SanDisk



**NEW Extreme Pro CF**  
Up to 90MB/s read/write speed

16GB **£249.17**

32GB **£451.48**

64GB **£809.49**

**NEW Extreme 400x UDMA CF**  
Up to 60MB/s read/write speed

8GB **£67.99**

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**Secure Digital**  
2GB **£7.99**

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**£12.71**

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**Secure Digital**  
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**Compact Flash**  
4GB **£38.49**

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32GB **£178.99**

**Compact Flash**  
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4GB **£79.99**

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Pro 233x CF  
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4GB **£47.99**

8GB **£84.99**

**Pro 133x SD**  
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**SAVE £35**

High capacity storage system for users who want advanced RAID features with consumer level ease of use and style

**2TB Hard Disk MAX**

**WAS £189.99 NOW £154.99**

### Rugged Hard Drive



Built to last and durable against the sharpest knocks and scrapes.

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250GB **£78.99**

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hour delivery not applicable to cheque payments. \* E. & O.E. Prices subject to change. Goods subject to availability. \* Minimum balance for finance is £200. No

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29.8% APR (Direct Debit). Credit is subject to status. Written details on request: Warehouse Express Group Ltd, 13 Frensham Road, Norwich, NR3 2BT. © Warehouse Express 2009.

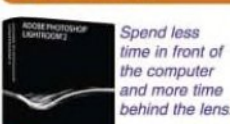
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Canon M30 30GB	£369.99
Epson P-6000	£429
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Jobo Extreme 120GB	£469.77
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Photoshop CS4 **£599**  
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**Plug-in Suite 4.0**  
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## BOWENS STUDIO LIGHTING

BOWENS Accessories - see website for our full range



GEMINI "Gemini ... one of the most popular studio flash systems in the world"

### NEW! Gemini R Series

250R Head	£349	or £15mth
500R Head	£409	or £17mth
250/250 2 Head Kit	£799	or £33mth
500/500 2 Head Kit	WAS £949 NOW £929	
250/250 Travelpak Kit	£1329	or £54mth
500/500 Travelpak Kit	£1349	or £55mth
500/500/500 3 Hd Kit	£1449	or £59mth

Building on the considerable success of the Esprit Gemini range the Bowens Gemini R range has added many additional and new features unavailable on the original Gemini monolight system.

### NEW! Gemini PRO Series

500 PRO Head	£499	or £21mth
750 PRO Head	£569	or £24mth
500 PRO Twin Kit	£1199	or £49mth
750 PRO Twin Kit	£1369	or £56mth
500 PRO Travelpak Kit	£1649	or £67mth
750 PRO Travelpak Kit	£1799	or £73mth
500 PRO 3 Head Kit	£1849	or £75mth
750 PRO 3 Head Kit	£2099	or £85mth

### NEW! Gemini Travel-Pak

Travel Pak including High Capacity Battery, Charger and 3m Cable	£559
Travel Pak including Battery, Charger and 3m Cable	£489

## BOWENS GEMINI

### NEW ULTRA COMPACT GEMINI 200 & 400

**SAVE UP TO £50**

Introducing the new ultra compact Gemini 200 & 400. The Gemini 200 & 400 offers many new features not available on the previous entry-level Gemini flash heads, with out compromising on price or the high-quality standards that have become synonymous with the Bowens brand.

New Features include:  
• 5 Stop Power Range  
• Auto Power Dump  
• Proportional Modelling Lamp Control

200/200 Travelpak Kit	was £399 now £359
400/400 Travelpak Kit	was £399 now £359
200 Head	was £229 now £205
400 Head	was £229 now £205
200/200 Kit	was £499 now £479
400/400 Kit	was £499 now £479

See the... **Steve Aves** reviews on our website

FAQ on our website

Steve talks about... Colour Temperature & Flash Duration, on our website

Steve's Lighting Guides view them on our website

Beginners Guide to Lighting

Read about the last seminar or find out about Steve's next seminar on our website

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Studio Out-of-the-box only £117.44

Folding Studio only £39.14

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Softboxes	Reflectors & Reflector Kits
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100x100 £203	120" Wide-Angle £45.97
Rectangular 60x80 £135	65" Maxilite £50.99
40x100 £165	15" Snoot £64.99
80x100 £165	75" Softlite £105
100x140 £234	Grid Diffuser £135
Wafer Softboxes: Rectangular from £179	
Octabox £369	
Hexagonal from £305	
Strips from £275	

Continuous Lighting Heads & Kits	Stands & Accessories
Unilite Head £139	Handy Compact £29
Unilite Plus Head £195	Compact £34
Unilite Kit £299	Portable £38
Trilite Head £185	Heavy Duty Backlight £67
Trilite Kit £479.99	Accessories: Gimlet Bag £199
9-Lite £494.44	Multiplic £10.74

Ringlite Converter	pulsar Radio Trigger
ONLY £279.99	wire-free photography
	Pair only £229.99

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	Pair only £229.99

## elinchrom

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**D-Lite 2 + D-Lite 4**

Digital Studio Flash

D Lite 200/400w Umbrella Kit £399

D-Lite 2+4 at a glance

Recycles in 0.7 seconds - Don't miss that shot! Compact & Light - Easy to store & transport! Switchable Audio Ready Bleep Stabilized to +/- 1.5% Plug-In Flash Tube User changeable! Super Level Modelling Lamp High Modelling Lamp Control Proportional/Full/Min/Off

D-Lite 2 kit from £429

D-Lite 4 kit from £499

**'Learning Lighting with Elinchrom' Guide FREE with these kits**

Style RX Kits

2x Style RX Heads + 2x ClipLock Stands  
2x 16cm Reflectors + 1x Snoot  
1x Translucent and 1x Silver Umbrella  
1x X-Stat Lead  
1x Case and 1x Shoulder Bag  
Modelling Lamps & Mains Leads

300/300 RX Kit £1299 or £139mth

600/600 RX Kit £1399 or £15mth

1200/1200 RX Kit £1899 or £17mth

from £1299

**MiniLite Kit**

2x MiniLite heads  
2x 16cm square softboxes  
2x clip-lock stands  
1x Skyport transmitter  
Cables Stand Bag & Case

BX 250/250Ri £829

BX 250/500Ri £829

BX 500/500Ri £949

£299

**RANGER QUADRA**

Compact, portable battery flash

NEW

Q Pack with battery £879

Q 5 Head £258

Q A Head £287

Q Set 5 £1120

Q Set A £1148

Complete Set S £1493

Complete Set A £1522

**RANGER**

Q Pack with battery £879

Q 5 Head £258

Q A Head £287

Q Set 5 £1120

Q Set A £1148

Complete Set S £1493

Complete Set A £1522

**MicroSync** DIGITAL

MicroSync Mono Transceiver and Receiver Kit

only £169

Manfrotto EXPAN

Superclamp £16.10

Wall Hooks Single £14.95

Trisleeve £31.05

Autopole £71.44

Chain System £67

"Best on the market" Steve Aves

**D-Lite 2 kit** from £429

**D-Lite 4 kit** from £499

**Skyport Wireless**

Umbrellas

Octabox

Barndoor

Digital Heads

Gels, Diffusers & Polarizers

Reflectors

Infrared Trigger

Honeycomb Grids

Reflector & Honeycomb

Snoot & Grid

Umbrella Set

**INTERfit**

EX150 MKII 2 HEAD KIT

Only £229

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EX150 MKII 2 HEAD KIT

Only £229

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**VENUS**

Infra Red Trigger

Flash meter

£37.19

**INTERfit**

STUDIO LIGHTING

See the complete range and full specification on our website

Tungsten SXT3200 Kits

Stellar X Tungsten Kits

Flash EXD 200 Home Studio

The SXT3200 is available in two highly specified kits, both available with a new educational training DVD.

2 Head £243.70

3 Head £341.56

From £117.43

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**INTERfit**

EX150 MKII 2 HEAD KIT

Only £229

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**VENUS**

Infra Red Trigger

Flash meter

£37.19

**Lastolite**

Background Kits

INT755C £95.90

COR755 £67.53

Background Cloths

Grey 2.4x2.7m £32.29

Grey 2.7x2.7m £38.07

Blue 2.4x2.7m £32.29

Blue 2.7x2.7m £38.07

Brown 2.4x2.7m £32.29

Brown 2.7x2.7m £38.07

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**SEKONIC** LIGHT METERS & ACCESSORIES

L-208 Twin-master £70

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Variscope F2 £329

DigiFlash £139

Standalone £169

Digital £109

Colour master 3F £699

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Variscope F2 £329

DigiFlash £139

Standalone £169

Digital £109

Colour master 3F £699

**Helix** Professional Flashguns

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15 MS-1 £274

48 AF-1 £175

36 AF-4 £75

44 M2-2 £189

58 AF-1 £289

45-CL4 fr. £289

76 M2-2 Digital £629

**Helix** Professional Flashguns

28 CS-2 £119

15 MS-1 £274

48 AF-1 £175

36 AF-4 £75

44 M2-2 £189

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44 M2-2 £189

58 AF-1 £289

45-CL4 fr. £289

76 M2-2 Digital £629



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 100 £44.95 200 £54.95 250 £59.95 350 £79.95 Each model is available in 3 colours - Black, Red, Arctic Blue	 200 £57.99 300 £67.99	 £87.99	 £79.99
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 100AW £44.99 200AW £57.99 300AW £69.99	 100 £91.99 200 £119.99 300 £144.99	 FROM £59.99	 £89.99

### NOVA AW SERIES

The New Models of the Popular Nova AW Series Provide Unique Access and Protection for a Digital SLR and Accessories.

Nova 140 AW	£29.99
Nova 160 AW	£34.99
Nova 170 AW	£39.99
Nova 180 AW	£43.99
Nova 190 AW	£48.99
Nova 200 AW	£53.99

Each model comes in 4 colours - Bordeaux Red, Black, Chestnut Brown & Ultramarine Blue.

### STEALTH DIGITAL SERIES

Created for photojournalists and news photographers, the Stealth Reporter D300 AW is designed to withstand the elements while providing quick access to lenses and digital accessories.

D100 AW	£57.99
D200 AW	£67.99
D300 AW	£73.99
D400 AW	£86.99
D550 AW	£95.99
D650 AW	£116.99



### NEW! CLASSIFIED SERIES

140 AW	160 AW	200 AW	250 AW
<b>NEW</b> £83.99	<b>NEW</b> £89.99	<b>NEW</b> £108.99	<b>NEW</b> £118.99

### COMPU TREKKER SERIES

Rolling AW	AW	Plus AW
£184.99	£99.99	£144.99

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Nature Trekker AWII	Photo Trekker AWII	Pro Trekker AWII
£149.99	£199.99	£205.99

**Billingham** For the full range of Billingham products please visit our website at [www.warehouseexpress.com](http://www.warehouseexpress.com)

Hadley	NEW 07 Series
 Hadley Small £99.99 Hadley Original £99.99 Hadley Large £114.99 Hadley Digital £74.99	 107 £209.99 207 £224.99 307 £244.99
Accessories	
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R-106 SAVE £20!	DR-465	KT D-3N1-10	£81.99
		KT D-3N1-20	£91.99
		KT D-3N1-30	£102.99
		DR-465	£51.99
		DR-465 blk/gre	£47.95
		DR-465 blk/red	£47.95
		DR-465 wht/tan	£47.95
		DR-466	£61.99
		DR-467	£74.99

## CRUMPLER™ More new crumpler bags just announced see website for full range

Jimmy Bo 300	Jimmy Bo Photo Bags	Jimmy Bo 500	Pretty Bella	Rucksacks	Belly Backpack	Master Delhi	Shoulder Bags	PP Range
£28.99	 Perfect shoulder bag that could also be worn around the waist <b>Jimmy Bo Range</b> Jimmy Bo 200 £26.99 Jimmy Bo 300 £28.99 Jimmy Bo 400 £31.99 Jimmy Bo 500 £35.99 Jimmy Bo 600 £44.99 Jimmy Bo 700 £54.99	£35.99		 Holds as much as you can fit in, Photographic and otherwise! From £39.99	 From £39.99	 From £129.99	 Hold all your gadgets and accessories in style <b>Royale Sackli</b> From £124.99	 From £11.69 <b>Lolly Dolly</b> From £12.99

**tamrac** No One Carries It Off Better  
For twenty years, Tamrac has built its reputation on legendary quality. The workmanship and quality are the combination of excellent sewing and product engineering that is reinforced with the finest materials, threads, and hardware. The purpose of a Tamrac camera bag is not only to carry and protect your equipment, but to hold them for convenient, quick access.

CyberPro Express	Adventure Series	Expedition 8	Expedition 7x	Expedition 5x	Expedition 4x	Expedition 3	Pro Series	System Series	Explorer Series	Neo Series
From £189.99	From £39.99	£154.99	£149.99	£89.99	£74.99	£49.99	From £34.99	From £28.99	From £13.99	£9.99

SEE WEBSITE FOR FULL RANGE OF TAMRAC BAGS

### PELI Watertight Equipment Cases The World's Toughest Watertight Equipment Cases

See website for more details & our full Peli range

Micro Cases	1300 Case	1200 Case	1120 Case	1150 Case	1620 Case	1400 Case
 From £11.99	 £58.99	 £54.99	 £24.99	 £39.99	 £264.99	 £88.99

### CLUBMAN Cases

AL18	AL15
£34.99	£29.99

### SLR Armor

CAMERA ARMOR
from £39.10

All prices include VAT at the prevailing rate • Our standard delivery charges for UK Mainland Next Working Day Delivery are: For orders over £100 delivery is £4.99. For orders under £100 delivery is £3.99 • Deliveries on Saturdays, or to Northern Ireland, Scotland & Channel Islands are subject to extra charges. • 24 hour delivery not applicable to cheque payments. • E & Q.E. Prices subject to change. Goods subject to availability. • Minimum balance for finance is £200. No Deposit Typical Example: Cash price £200 = 12 monthly payments of £19.14 - total amount payable £229.68 Typical 29.9% APR (Direct Debit). Credit is subject to status. Written details on request: Warehouse Express Group Ltd, 13 Frensham Road, Norwich, NR3 2BT. © Warehouse Express 2009.



## Digital Photography

[illegible]

## Canon Autofocus

CANON EOS 1V 1/8 BODY	MINI BOXED \$789.00
CANON EOS 1/3 BODY	MINI BOXED \$789.00
CANON EOS 1NRS BODY	MINI BOXED \$499.00
CANON EOS 3 BODY	MINI BOXED \$499.00
CANON EOS 5 BODY	EXC+ \$499.00
CANON EOS 5S BODY	MINI BOXED \$385.00
CANON EOS 5S2N BODY	MINI \$385.00
CANON EOS 650 + 35 - 80 CAN USM LENS	MINI \$279.00
CANON EOS 650 BODY	MINI \$279.00
CANON EOS PFI BODY (PELICUL MIRROR)	MINI \$119.00
CANON 18 - 35mm F2.8 USM 1" I	MINI BOXED \$89.00
CANON 18 - 35mm F2.8 USM 1" WK II	MINI CASHED \$349.00
CANON 17 - 35mm F2.8 USM 1" I	EXC+ \$159.00
CANON 17 - 40mm F4 USM 1" I	MINI BOXED AS NEW \$325.00
CANON 24 - 125mm F4 USM 1" I	IMAGE STABILISER
CANON 24 - 125mm F4 USM 1" I	MINI CASHED \$799.00
CANON 24 - 125mm F4 USM 1" I	IMAGE STABILISER
CANON 24 - 125mm F4 USM 1" I	MINI BOXED AS NEW \$1,089.00
CANON 14mm F4.5 USM 1" I (SUPER)	MINI CASHED \$1,289.00
CANON 14mm F4.5 USM 1" I	MINI \$1,159.00
CANON 85mm F1.2 USM 1" WK I (LATEST)	MINI BOXED \$745.00
CANON 220mm F2.8 USM 1" MK II (SUPER)	MINI BOXED AS NEW \$529.00
CANON 300mm F4.5 USM 1" I	IMAGE STABILISER
CANON 24mm F2.8 USM + HOOD	MINI CASHED \$349.00
CANON 24mm F2.8 EF	MINI \$299.00
CANON 24mm F2.8 EF	MINI \$265.00
CANON 28mm F2.8 EF	MINI BOXED \$145.00
CANON 50mm F1.8 F1.8 MT	MINI \$155.00
CANON 60mm F2.8 EF US MACRO LENS	MINI BOXED AS NEW \$339.00
CANON 24mm F2.8 USM 1" I	MINI \$485.00
CANON 17 - 85mm F4.5 USM F4.5 USM	MINI BOXED \$249.00
CANON 20 - 35mm F3.5 F4.5 USM	MINI \$189.00
CANON 24 - 85mm F5.6 F4.5 USM + HOOD	MINI \$189.00
CANON 28 - 135mm F5.6 F5.6 USM 1" STABILISER	MINI \$289.00
CANON 24mm F2.8 USM 1" I	MINI \$139.00
CANON 35 - 300mm F4.5 EF USM 1" I	MINI BOXED \$129.00
CANON 35 - 300mm F4.5 EF USM 1" I	MINI \$159.00
CANON 70 - 300mm F4.5 EF USM 1" I	MINI BOXED \$349.00
CANON 100 - 820mm F4.5 EF USM	MINI BOXED \$715.00
CANON EF 11 - 25mm F2.8 EF	MINI BOXED \$289.00
CANON EF 25 EXTENSION TUBE	MINI BOXED AS NEW \$39.00
CANON PB 82 BOOSTER FOR EOS 1NRS etc	MINI BOXED \$129.00
CANON PB 1 BOOSTER FOR EOS 1N	MINI BOXED \$129.00
CANON I - W C40 C40R I - MACRO EOS 1NRS	MINI BOXED \$259.00
CANON VG 10 BATT GRIP FOR EOS 1	MINI BOXED \$25.00
CANON 540 EZ FLASH + INST	MINI CASHED \$199.00
CANON 540 EZ FLASH + INST	MINI CASHED \$199.00
CANON 420 EZ FLASH + INST	MINI CASHED \$175.00
CANON 420 EZ FLASH + INST	MINI BOXED \$229.00
CANON 420 EZ FLASH + INST	MINI BOXED AS NEW \$119.00
KENCO DC CANON AF (X) USER SET 12/20.36	MINI BOXED AS NEW \$129.00
KENCO TECTIP PRO 300 300 1/4 + 1/4 CONVERTER	MINI BOXED AS NEW \$125.00
KENCO MC 700 2/3 CONVERTER CAN	MINI BOXED \$99.00
CANON 200mm F2.8 MACRO + HOOD	MINI CASHED \$349.00
SIGMA 28mm F1.8 EX DG (LATEST) UNTESTED	MINI BOXED \$271.00
SIGMA 18mm F2.8 EX DG MACRO (LATEST)	MINI BOXED AS NEW \$385.00
SIGMA 12 - 24mm F4.5 EX DG (LATEST) UNTESTED	MINI BOXED AS NEW \$429.00
SIGMA 18 - 24mm F5.6 EX DG OPTICAL STABILISER	MINI BOXED \$225.00
SIGMA 20mm F2.8 EX DG MACRO (LATEST)	MINI BOXED \$329.00
SIGMA 55 - 150mm F2.8 MD APO EX DC HSM	MINI BOXED \$459.00
SIGMA 55 - 200mm F4.5 DC	MINI \$289.00
SIGMA 70 - 200mm F2.8 EX AF ASH	MINI \$389.00
SIGMA 70 - 200mm F2.8 EX AF HSM MACRO DG	MINI CASHED \$699.00
SIGMA 70 - 200mm F2.8 EX AF HSM MACRO DG	MINI \$699.00
SIGMA 70 - 300mm F4.5 EX SLR OPT STABILISER	MINI BOXED AS NEW \$245.00
SIGMA 100 - 400mm F4.5 DG (LATEST)	MINI BOXED \$889.00
SIGMA 120 - 300mm F4.5 EX APO EX IF HSM	MINI BOXED AS NEW \$1,279.00
TAMRON 28 - 75mm F2.8 SP AF (LATEST)	MINI BOXED AS NEW \$279.00

## Canon & Pentax Manual Focus

CANON F1 AF 1984 OLYMPIC GAMES EDITION "NEW AND UNUSED" F1 395.00

CANON P1 AE (UNUSE?)	MINT BOXED 1989
CANON P1 AE + AE MOTOR DRIVE FN.	EXC++ MINT 1989
CANON 7mm f4 FD	MINT 1985
CANON 24 - 6mm f2.8 S.S.C ASPHERICAL 1"	MINT 1985
CANON 28mm f2 FD	MINT 1974
CANON 35mm f1.2 R	MINT 1975
CANON 55mm f1.2 L	MINT-CASED 1985
CANON 55mm f1.8 FD	MINT 1985
CANON 200mm 2.8 FD	EXC++ 1985
CANON 135mm f2	MINT BOXED 1975
CANON 300mm f2.8 FD 1"	MINT-FLIGHT CASE BOX 1989
CANON 500mm f8 REFLEX FD	MINT BOXED 1985
CANON 800mm f5.6 S.S.C	EXC+FLIGHT CASE 1989

FREE KODAK FD LENS TO CANON EOS FILM AND DIGITAL ADAPTOR WITH

## Contax "G" Compacts and SLR

CONTA 62 BODY 1 TANUM	EXCH 1299
CONTA 21mm 2.8 BUSH & FINDER 3"	MINT BOXED 1350
CONTA 50mm 12.8 SONNAR 95"	MINT BOXED 1120
CONTA 50mm 12.8 SONNAR 95" BLACK	MINT 1120
CONTA 35- 70mm 13.5mm VARIO SONNAR 7"	MINT 5379
CONTA 35- 70mm 13.5mm VARIO SONNAR 7"	MINT BOXED 4400
CONTA 35- 70mm 13.5mm VARIO SONNAR 7"	MINT BOXED 4400
CONTA 1.4x10.1 FLASH	MINT CASED 590
CONTA 1LA 20 FLASH BLACK	MINT CASED 590
CONTA LEATHER ERG 2 DIFFERENT LENGTHS 82	MINT 1655
CONTA 45mm 12.8 TESSAR	MINT 1173
CONTA 65mm 12.8 S PLANAR AE MACRO 1:1	MINT 1173
CONTA 65mm 12.8 S PLANAR AE MACRO 1:1	MINT BOXED 1173
CONTA 85mm 11.4 PLANAR AE	MINT 5499
CONTA 85mm 11.4 PLANAR MR	MINT 5499
CONTA 155mm 2.8 SONNAR MR	MINT CASED 1160
CONTA 155mm 2.8 SONNAR MR	EXCH 1155
CONTA 155mm 2.8 SONNAR MR	MINT 1160
CONTA 220mm 13.5 TESS TESS 7" AE	MINT 5369
CONTA 28- 85mm 13.5 3/4 VAR SW	MINT 5369
CONTA RIGHT ANGLE FINDER FOR SLR	MINT CASED 145
CONTA RIGHT ANGLE FINDER FOR SLR	MINT CASED 145
CONTA 1LA 28.0 FLASH	MINT BOXED AS NEW 1150

### Leica "M", "R" & Screw & Binoculars

LEICA M3 BODY (N&Z ULTIMATE LOW USE)	MINT BOXED \$1,795.00
LEICA M8 BATTERY (LOW USE)	MINT \$485.00
LEICA M7 FLASH (TOE EDITION UK 30)	MINT BOXED \$1,895.00
LEICA M7 CHROME (72)	MINT BOXED \$1,399.00
LEICA M6 TRIUMPH BODY	MINT \$1,150.00
LEICA M6 TRIUMPH BODY	MINT - BOXED \$775.00
LEICA M6 BLACK BODY	EXC+ \$985.00
LEICA M3 BODY DWM + LEICA ERC CASE	MINT \$795.00
LEICA M3 BODY DWM + LEICA ERC CASE	EXC++ \$445.00
LEICA M3 BODY	EXC+ \$335.00
LEICA M3 MOUNT GLASS PRESS PLATE	EXC+ \$465.00
LEICA M2 BODY	EXC++ \$399.00
LEICA M3 BODY REALLY NICE BODY	MINT BOXED \$795.00
KONICA HEXAR RP + 50mm f2 + KONICA FLASH	MINT BOXED AS NEW \$699.00
LEICA 27mm 3.5 SUMMICRON L + FINDER	MINT \$1,195.00
LEICA 28mm 2.8 ASPHERIC ELUMINT	MINT \$1,465.00
LEICA 24mm 3.4 SUPERLINE FINDER BLACK	MINT BOXED \$255.00
LEICA 35mm f2.8 SUMMICRON + HOOD (111310)	MINT BOXED AS NEW \$599.00
LEICA 50mm f1.1 NOCTURBUILT IN HOOD	MINT CASED \$5,995.00
LEICA 50mm f1.1 NOCTURBUILT IN HOOD NO 135mm	MINT \$795.00
LEICA 50mm f2 SUMMIC CLOSE FOCUS + SPEC	MINT \$995.00
LEICA 50mm f2.8 COC ELUMAR M	MINT \$275.00
LEICA 50mm f2 SUMMICRON CHROME (11137)	MINT BOXED AS NEW \$699.00
LEICA 50mm f2 SUMMICRON CHROME (11137)	MINT \$685.00
LEICA 50mm f2.8 TELE-ELUMAR (BLACK)	MINT BOXED \$995.00
LEICA 90mm f2.8 TELE-ELUMAR (BLACK)	MINT \$295.00
LEICA 90mm f2.8 TELE-ELUMAR (CHROME)	MINT \$295.00
LEICA 90mm f2.8 ELUMAR CHROME	MINT CASED \$1,995.00
LEICA 135mm f4 ELUMAR C M	EXC+ HOOD \$145.00
LEICA 135mm f2.8 ELUMAR C M FOR M3	EXC+ HOOD \$185.00
LEICA 135mm f4.0 APO - TELYT - M	MINT BOXED \$1,295.00
LEICA 135mm f4.5 ELUMAR B BIN HOOD	MINT CASED \$675.00
LEICA 135mm f4.5 MOTOR HOOD + FINDER M	MINT \$465.00
LEICA 220mm f4.5 HOOD	MINT \$465.00
LEICA MOTOR M	MINT BOXED AS NEW \$95.00
LEICA MINT TROPICAL-B&A SPOKET HANE	MINT \$415.00
LEICA SP20 FLASH	MINT CASED \$175.00
LEICA SP20 FLASH	MINT BOXED AS NEW \$115.00
LEICA SP20 FLASH	MINT BOXED AS NEW \$165.00
LEICA ERC CASE FOR M6Mf BLACK	MINT BOXED \$215.00
LEICA 21.2428 VIEWFINDER (12019)	MINT BOXED \$245.00
LEICA 21.2428 VIEWFINDER (12019)	MINT BOXED \$275.00
LEICA M3 BODY REALLY NICE BODY	MINT CASED \$795.00
LEICA 50mm f2 SUMMITAR & FILTER & HOOD	MINT \$195.00
LEICA 65mm f3.5 ELUMAR + 1644K FOC RING	MINT/BOXED \$995.00
LEICA 90mm f4 ELUMAR SCREW CHRP + 30mm FDR	MINT CASED \$245.00
LEICA 90mm f4 ELUMAR SCREW CHRP FOR VISO	MINT CASED \$245.00
LEICA 90mm f4 ELUMAR SCREW CHRP	EXC+ \$195.00
LEICA 90mm f4 ELUMAR SCREW BLACK	MINT CASED \$195.00
LEICA 50mm f1.4 SUMILUX (2 CAV)	EXC+ \$215.00
LEICA 28mm f3.5 S.S.4 VARIO ELUMAR	MINT \$545.00
LEICA 28 - 70mm f3.5 S.S.4 VARIO ELUMAR	EXC+ \$255.00
LEICA 35 - 70mm f4 VARIO ELUMAR 3 CAM	EXC+ \$255.00
LEICA 70 - 210mm f4 RM L3 CAM	MINT CASED \$445.00
LEICA 80 - 200mm f4 RM L3 CAM	EXC+ \$495.00
LEICA 80 - 210mm f4 RM L3 CAM	MINT BOXED AS NEW \$795.00
CANON T2 + 50mm F1.8 IMAGE STABILISING ZOOM	MINT \$345.00
CANON TSX2 SPOTTING SCOPE + 20-200 ZOOM	MINT BOXED \$275.00
SWANOVICH 8 X 30 XL VIEW BINOCULARS	MINT BOXED AS NEW \$495.00
SWANOVICH 8 X 30 XL BINOCULAR (LATEST)	MINT BOXED AS NEW \$1,465.00
ZEISS DIAPHR 2.8 X 45 - FEATHER CASE	MINT CASED \$245.00

**Voigtlander**

VOIGTLANDER BESSA T BODY BLACK	MINT BOXED \$199.00
VOIGTLANDER 25mm f4.5 SCRAP + FINDER BLK	MINT BOXED \$265.00
VOIGTLANDER 25mm f4.5 SCRAP + FINDER SIL	MINT BOXED \$265.00
VOIGTLANDER 35mm f11.2 NOKTON VIB (BLK)	MINT BOXED \$625.00
VOIGTLANDER 35mm f12.5 COL SKOPON (BLK)	MINT \$190.00
VOIGTLANDER 50mm f11.5 NOKTON (BLK)	MINT BOXED \$325.00
VOIGTLANDER 90mm f3.5 Apo LANTHAN (BLK)	MINT BOXED \$275.00
VOIGTLANDER WINDER BESSA T + ALL R CAMS	MINT BOXED \$129.00
VOIGTLANDER SCREW TO M. ADAPTOR	MINT \$30.00

### Medium Format

BRONICA 50mm f2.8 ZENZANON MC	MINT \$175.00
BRONICA 135mm f4 ZENZANON PE LENS	MINT \$289.00
BRONICA 150mm f3.5 ZENZANON E	MINT + GOOD \$150.00
BRONICA 150mm f3.5 ZENZANON E	EXC+ \$120.00
BRONICA 150mm f4 E	MINT \$169.00
BRONICA 1120 BACK ETTRS	MINT \$49.00
BRONICA 1120 BACK	EXC + \$35.00
BRONICA ETTRIS/ETRS POLAROID BACK	MINT \$85.00
METZ SCA 360 T1 LEAD ETTRIS/SON	MINT \$99.00
BRONICA PRISM FINDER	MINT \$115.00
BRONICA ETTRS PLAIN PRISM	MINT \$75.00
BRONICA 228 EXT TUBE	MINT \$69.00
BRONICA TELECONVERTER 2x	MINT \$59.00
BRONICA SPEEDORIP F FOR ETTRS	MINT \$35.00

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### Konica/Minolta/Sony/Meters

MINOLTA TC 1 TITANIUM COMPACT	MINT BOXED \$495.00
TAIRON 14mm f2.8 SP AF IF ASPHERICAL	MINT BOXED AS NEW \$499.00
MINOLTA 28 - 80mm f4.5-5.6 AIF	MINT BOXED \$250.00
SIGMA 28 - 105mm f3.8-5.6 UC - MK3 ASPHERIC IF	MINT BOXED \$299.00
MINOLTA 24 - 105mm f3.5-5.6 L	MINT \$199.00
TAIRON 28 - 200mm f3.8-5.6 SUPER LD ASP IF	MINT BOXED \$299.00
TAIRON 28 - 200mm f3.8-5.6 ASPH XRI RIF MAC	MINT BOXED \$299.00
COSINA 70 - 210mm f4.5-5.6 MINOLTA	MINT \$599.00

## Nikon Auto-Focus

NIKON F4S BODY MINT BOXED NEW \$1,250.00  
NIKON F80 BODY BLACK MINT BOXED NEW \$1,100.00  
NIKON F80 BODY SILVER MINT BOXED \$980.00  
NIKON 10.5mm F2.8 AF ED FX D X FISHYE MINT BOXED \$419.00  
NIKON 24mm F2.8 AF F MINT BOXED NEW \$218.00  
NIKON 35mm F2.8 AF F NEW NEW \$129.00  
NIKON 50mm F1.8 AF MINT BOXED \$275.00  
NIKON 135mm F2.8 AF DC DEFOCUS CONTROL MINT \$725.00  
NIKON 200mm F5.6 AF NIKOR AF ED FOR FS AF MINT BOXED \$890.00  
NIKON 12-24mm F4.5-5.6 AF S ONLY MINT BOXED AS NEW \$1,950.00  
NIKON 17-35mm F2.8 AF S USED GOOD MINT BOXED \$1,299.00  
NIKON 17-55mm F2.8 AF S ONLY MINT BOXED \$795.00  
NIKON 28-35mm F3.5-4.5 AF F ED IF MINT BOXED \$389.00  
NIKON 18-70mm F3.5-5.6 AF S F ED + HOOD MINT BOXED \$1,980.00  
NIKON 18-200mm F5.6-6.5 AF S V B RED MINT BOXED \$445.00  
NIKON 24-85mm F3.5-5.6 AF S IFED AF MINT BOXED \$1,180.00  
NIKON 28-85mm F3.5-5.6 AF F + HOOD MINT BOXED \$1,049.00  
NIKON 24-105mm F3.5-5.6 AF F MINT BOXED \$1,180.00  
NIKON 24-120mm F3.5-5.6 AF F ED AF S V B RED MINT CASSED \$789.00  
NIKON 28-70mm F2.8 AF ED AF S MINT BOXED \$799.00  
NIKON 28-85mm F3.5-5.6 AF F MINT BOXED \$1,049.00  
NIKON 28-105mm F3.5-5.6 AF F MINTBOXED \$1,049.00  
NIKON 35-105mm F3.5-5.6 AF F MINT BOXED \$1,180.00  
NIKON 55-200mm F4.5-5.6 AF F MINT BOXED \$1,180.00  
NIKON 70-200mm F2.8 F IFED AF S V B RED MINT BOXED NEW \$1,295.00  
NIKON 70-300mm F4.5 AF F ED MINT CASSED \$950.00  
NIKON 70-300mm F4.5 AF F V B RATIONED MINT BOXED \$950.00  
NIKON 40-400mm AF F V B RATIONED MINT BOXED AS NEW \$395.00  
NIKON 40-140mm HIGH SPEED V B RATIONED FOR F6 MINTBOXED \$295.00  
NIKON MC 20 REMOTE CONTROL WITH TIMER MINT BOXED \$480.00  
NIKON SC FLASH POWER BRACKET MINT BOXED \$199.00  
NIKON SB 220S FLASH EXC + 1250.00 MINT BOXED \$1,180.00  
NIKON SB 220S FLASH MINT BOXED \$480.00  
NIKON SB 28S FLASH MINT \$550.00  
NIKON SB 28S FLASH MINT \$450.00  
NIKON SB 28S FLASH MINT \$450.00  
NIKON PS 4 SLIDE COPYING ADAPTER MINT CASSED \$950.00  
NIKON TC 18 AF S TELE CONVERTER MINT BOXED AS NEW \$295.00  
NIKON TC 18 AF S TELE CONVERTER MINT BOXED AS NEW \$295.00  
NIKON TC 16 AF CONVERTER MINT \$50.00  
NIKON MH 15 CHGR + BATTERY NIKAD F100 MINT BOXED \$1,290.00  
NIKON WB 15 FINGER FOR NIKON F100 MINT BOXED \$595.00  
NIKON WB 16 BATT GRIP FOR F80 BODY MINT BOXED \$595.00  
NIKON WB 16 BATT GRIP FINGER MINT BOXED \$595.00  
SIGMA 8mm F4.5 FX FISHYE 180 DEGREE MINT BOXED AS NEW \$545.00  
SIGMA 14mm F2.8 HD HSM ASPHERIC MINT \$385.00  
SIGMA 20mm F1.8 EX D ASPHERIC (LATEST) MINT BOXED \$389.00  
SIGMA 12-24mm F4.5-5.6 EX DC (LATEST) MINT BOXED AS NEW \$295.00  
SIGMA 18-250mm F3.5-6.3 EX ASPHERIC FINGER MINT \$295.00  
SIGMA 18-250mm F3.5-6.3 EX OPTICAL STABILISER MINT BOXED \$225.00  
SIGMA 55-200mm F4.5-6.3 MINT BOXED \$225.00  
TAMRON 17-50mm F2.8 XR D II LD ASP IF LATEST MINT BOXED \$280.00  
TAMRON 24-155mm F3.5-5.6 AF ASPHERIC MACRO MINT BOXED \$170.00  
NEW NIKON NIKOR AF CAMCHIPS PREES PHONE FOR OUR LOW \$99.00

## Nikon Manual

NIKON FS HP 7" PRESS + MF48 BACK + PWORK	MINT BOXED (V PARE)	\$1,560.00
NIKON FS HP BODY & BERGLUND CASE		MINT \$595.00
NIKON F2 PHOTOMIC DP1 + M103 + MB2 COMPLETE		MINT \$450.00
NIKON FM3A CHROME BODY		MINT \$340.00
NIKON FA20N BLACK BODY	MINT-BOXED \$340.00	
NIKON FA20N BLACK BODY	EXC+ \$280.00	
NIKON FA20N BLACK BODY	MINT \$485.00	
NIKON FA20N BLACK BODY	MINT-BOXED \$270.00	
NIKON FE BODY BLACK BODY	EXC \$250.00	
NIKON FE BLACK BODY	EXC \$75.00	
NIKON FE BODY CHROME	MINT \$120.00	
NIKON FM BLACK BODY	EXC+ \$280.00	
NIKON FM BODY CHROME	MINT \$230.00	
NIKORVAT FT N BODY (REALLY NICE CONDITION)	MINT \$690.00	
NIKORSS 20mm 12.8 UV NIKOR + FDR	MINT \$420.00	
NIKON 15mm 0.5.5 AIS CASSED (SUPERB)	MINT CASSED \$750.00	
NIKON 20mm F2.8 AIS	MINT \$360.00	
NIKON 22mm 0.5.5 AIS (SUPERB SHARP LENS)	EXC+ \$225.00	
NIKON 20mm 0.5.5 AIS	MINT \$190.00	
NIKON 24mm 0.5 AIS (SUPERB SHARP LENS)	MINT \$370.00	
NIKON 24mm F2.8 AIS	MINT \$120.00	
NIKON 24mm F2.8 AIS	MINT \$190.00	
NIKON 28mm 0.5 AIS	MINT \$340.00	
NIKON 35mm 12.8 AIS	MINT \$450.00	
NIKON 35mm 0.5.2 PC PERSPECTIVE CONTROL	MINT CASSED \$470.00	
NIKON 50mm F1.4 AIS	MINT \$420.00	
NIKON 50mm F1.8 AIS	MINT \$280.00	
NIKON 55mm 0.5.2 MICRO AIS	MINT \$180.00	
NIKON 55mm 0.5.5 NIKOR + MICRO + M2 TUBE	MINT IN KEEPER \$180.00	
NIKON 55mm F1.4 AIS	MINT \$185.00	
NIKON 55mm 0.5 AIS + HPOD	MINT \$220.00	
NIKON 105mm F1.8 AIS	MINT-BOXED \$490.00	
NIKON 105mm 0.5.2 MICRO NIKOR AIS	MINT BOXED \$290.00	
NIKON 135mm F1.8 AIS	MINT \$180.00	
NIKON 135mm 0.5.2 AIS	MINT BOXED \$180.00	
NIKON 200mm F1.4 AIS	MINT CASSED \$180.00	
NIKON 300mm F4.5 AIS	MINT \$280.00	
NIKON 28 - 50mm 0.5.5 AIS	MINT \$340.00	
NIKON 35 - 70 0.5 AIS	EXC+ \$180.00	
NIKON 35 - 70mm 0.5.5 AIS 0.8 AIS	MINT \$250.00	
NIKON 35 - 70mm 0.5.5 AIS	MINT \$250.00	
NIKON 35 - 105mm 0.5.5 AIS 0.5 AIS	MINT-BOXED \$180.00	
NIKON 35 - 105mm 0.5.5 AIS 0.5 AIS	EXC+ \$40.00	
NIKON 80 - 200mm F4 AIS	MINT \$160.00	
NIKON 80 - 200mm F4 AIS	MINT \$220.00	
NIKON 101 - 300mm F4.5 AIS	MINT BOXED \$180.00	
NIKON PISTOL GRIP + M35 CABLE	MINT \$50.00	
NIKON MD-12 WINDER FOR FM3A/FM2a/F2 etc	MINT \$120.00	
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NIKON TC 70-210 CONVERTER	MINT NEW \$120.00	
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NIKON 101 - 300mm F4.5 AIS	MINT \$120.00	
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OLYMPUS DM11 CHAMFRAGE	EXC+ \$395.00	EXC+ \$395.00
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OLYMPUS 35mm f2.8 SHFIT ZUKO		MINT CASHED \$39.00
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VOIGT-LANDER 75mm f5.6 COL HEL + HOOD		MINT BOXED \$295.00
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OLYMPUS 135mm f4.5 MACRO ZUKO		EXC+ \$499.00
OLYMPUS 135mm f4.5 MACRO ZUKO		MINT \$139.00
OLYMPUS 300mm f4.5 ZUKO		MINT CASHED \$395.00
OLYMPUS 300mm f4.5 ZUKO		EXC+ \$1139.00
OLYMPUS 1000mm f11 ZUKO TELE (PARE)		MINT CASHED \$995.00
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OLYMPUS T2 FLASH		MINT BOXED \$99.00
OLYMPUS T280 FLASH		MINT BOXED \$189.00
OLYMPUS T280 FLASH		MINT \$99.00
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## Canon EOS 7D

DESIGNED BY YOU, BUILT BY CANON

- 18MP APS-C CMOS sensor
- ISO range up to 12800
- 19 cross-type AF points
- iFCL metering system
- Integrated Speedlite Transmitter
- 3" Clear View II LCD
- Magnesium alloy body with environmental protection
- 8fps shooting
- 100% Viewfinder
- Dual "DIGIC 4"
- Full HD movie

**NEW!  
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### Canon

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### Canon EOS 450D

- 10.1 MP CMOS sensor
- Up to 3 frames per sec.
- 2.5" LCD with Live View
- DIGIC III processor
- Compact & lightweight



Body Price **£329.99\***  
EOS 1000D + 18-55mm **£399.99\***  
1000D+18-55+Sigma 55-200 **£449.98\***

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### Canon EOS 50D

- 15.1 MP CMOS sensor
- 6.3 frames per second
- ISO range up to 12800
- 3.0" LCD with Live View
- Magnesium alloy body



Body Price **£709.00\***  
EOS 50D + 17-85mm IS **£978.99\***  
EOS 50D + 18-200mm IS **£1,089.00\***

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PowerShot A1100 IS	<b>£139.00</b>	PowerShot SX120 IS <b>NEW</b>	<b>£209.00</b>
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Digital IXUS 95 IS	<b>£149.00</b>	PowerShot SX200 IS	<b>£249.00</b>
Digital IXUS 100 IS	<b>£189.00</b>	PowerShot D10	<b>£249.99</b>
Digital IXUS 110 IS	<b>£249.00</b>	PowerShot S90 <b>NEW</b>	<b>See Web</b>
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- 5x wide-angle lens
- Optical IS
- 28" Vari-Angle LCD Screen
- High Sensitivity
- High-Speed ISO



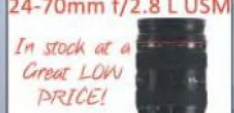
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15mm f/2.8 Fisheye	<b>£624.99</b>	300mm f/2.8 USM IS	<b>£3,787.00</b>	EF-S 18-200mm (Unboxed)	<b>£429.99</b>
20mm f/2.8 USM	<b>£409.99</b>	300mm f/4.0 USM IS	<b>£1,178.99</b>	24-70mm f/2.8 USM	<b>£947.00</b>
24mm f/1.4 Mk II USM	<b>£1,349.99</b>	400mm f/2.8 USM IS	<b>£6,469.99</b>	24-105mm f/4.0 IS USM	<b>£939.99</b>
24mm f/2.8	<b>£368.99</b>	400mm f/4.0 DO L USM IS	<b>£5,449.99</b>	24-105mm (White Box)	<b>£749.99</b>
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50mm f/1.8 II	<b>£94.99</b>	TSE 45mm f/2.8	<b>£1,123.99</b>	70-200mm f/2.8 L IS USM	<b>£1,044.99</b>
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MP-E 65mm f/2.8	<b>£853.99</b>	EF-S 15-85mm f/3.5-5.6 IS	<b>£799.99</b>	70-300mm f/4.0-5.6 IS USM	<b>£419.99</b>
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100mm f/2.8 USM Macro	<b>£439.99</b>	EF-S 17-85mm f/4.0-5.6 IS USM	<b>£369.99</b>	75-300mm f/4.0-5.6 USM III	<b>£239.99</b>
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24-70mm f/2.8 L USM



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**Only £279.99**  
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## Canon EOS 5D Mark II

Body SRP £2,689.99  
Lens sold Separately



- 21.1 Megapixel Full-frame sensor
- Full HD Video capture
- Next generation DIGIC 4 Image Processor
- Improved weather-resistant body
- High performance with 3.9 fps continuous shooting
- Live View Function
- Updated EOS Integrated Cleaning System
- Highest ISO Range to Date

Understanding Your Canon EOS 5D Mk II  
27th Jan 2010  
Course: **£84.99**

Canon EOS 5D Mark II Body Only	<b>Incredible Low Price!</b>	<b>£1,834.00*</b> SAVING <b>£855.99!</b>
Canon EOS 5D Mark II Body Only + Canon BG-E6 Grip + LP-E6 Battery + Tamrac Messenger 4 Bag + SanDisk 8GB Extreme IV		<b>£2,269.97*</b> SAVING <b>£925.99!</b>
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Canon EOS 5D Mark II + EF 24-105mm f/4 L IS USM + Speedlite 580EX II + Tamrac Messenger 4 Bag + SanDisk 8GB Extreme IV		<b>£2,974.98</b> SAVING <b>£1,323.99!</b>

### EOS-1D Mark IV



- 16.1 MP APS-H CMOS sensor
- 10fps at up to 121 JPEG burst
- 45-point AF system
- Full HD (1080p) movies
- High ISO up to 102400
- 3.0" LCD with Live View mode
- Dual "DIGIC 4"
- EOS Integrated Cleaning System

Pre-Orders taken now to receive one of the first cameras in the UK - Due late December 2009

### EOS-1D Mark III

- 10.1 Megapixels
- 10 Frames per second
- ISO 50 to new 6400
- 19 cross type AF points

**In Stock at only £2,599.00!\***  
Body SRP £3,999.99 Lens Sold Separately

### EOS-1D Mark III

- 21 Megapixels
- Full Frame CMOS Sensor
- ISO 100 to 1600
- 19 cross type AF points

**In Stock at only £4,749.00!\***  
Body SRP £5,899.99 Lens Sold Separately

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BG-E5 (EOS 450D)	Speedlite 270EX	SC-D660A Traditional Case (G10)
BG-E6 (SD Mk II)	Speedlite 430EX II	DCC-60 Leather Case (IXUS 80)
BG-E7 (7D)	Speedlite 580EX II	DCC-61 Leather Case (IXUS 85 IS)
	MacroLite MR-14EX	DCC-65 Leather Case (G11)
<b>Wireless File Transmitters</b>	MT-24EX Macro Twin Flash	DCC-70 Leather Case (IXUS 800)
WFT-E1 (EOS 1Ds I)	Speedlite Transmitter ST-E2	DCC-75 Leather Case (IXUS 870)
WFT-E2 (EOS 1D III)	Remotes	DCC-80 Soft Case (A530/A540)
WFT-E3 (EOS 40D)	RC-1 (EOS 300D, 400D, 4500)	DCC-85 Soft Case (A1000 IS)
WFT-E4 (EOS 5D Mk II)	RC-5 (EOS 350D, 400D, 4500)	DCC-90 Soft Case (S2 IS/53 IS)
WFT-E4 Mark II (EOS 5D Mk II)	RS-60E3 (EOS 350D, 400D, 4500)	DCC-300 Soft Case (A630/A640)
WFT-E5B (EOS 7D)	RS-60N3 (400, 5D, 1D III 1Ds III)	DCC-450 Soft Case (A470)
	TC-80N3 (300D, 5D, 1D III 1Ds III)	DCC 600 Soft Case (G7/ G9)
<b>Batteries</b>	LC-5 Wireless Controller Set	DCC-660 Soft Case (G11)
NB 2LH (G7, EOS 350D, 400D)	Waterproof Housings	DCC 700 Soft Case (A650 IS)
NB 3L (IXUS I, IXUS II)	WP DC26 (IXUS 870 IS)	DCC 650 Soft Case (G10)
NB 4L (IXUS 70, 75, 80IS)	WP DC27 (IXUS 980 IS)	DCC 750 Soft Case (SX110 IS)
NB 5L (IXUS 800 IS/ 850 IS)	WP DC28 (PowerShot G10)	DCC 800 Soft Case (SX10 IS)
NB 6L (for Digital IXUS 85 IS)	WP DC29 (IXUS 95 IS)	DCC-1400 Soft Case (590)
NB 7L (for PowerShot G10)	WP DC31 (IXUS 120 IS)	
BP 511A (G6,300,400,500,5D)	WP DC32 (IXUS 110 IS)	
LP E4 (for EOS 1D/ 1Ds Mark III)	WP DC33 (IXUS 120 IS)	
LP E5 (EOS 450D/ 500D)	See Web	
LP E6 (for EOS 7D/ SD Mk II)	WP V1 (Lagria HF20 Camcorder)	

For even more Canon accessories, please visit our store, or visit our website.

### Canon Camcorders

<b>Canon HG20 Kit</b>	<b>DVD Camcorders</b>
Store over 22 hours of great-looking 1920x1080 Full HD movies on the camcorder's 60GB HDD. Easily connect to an HD TV, upload footage to the web, or burn movies to DVD or Blu-ray disc.	DC410 <b>£239.99</b>
<b>Our Price £499.00</b>	DC411 <b>See Web</b>
<b>Canon DW-100</b>	DC420 (R) <b>£279.99*</b>
The DW-100 makes it easy to create DVDs. Just connect a compatible Canon camcorder, select your footage, then burn - in High or Standard Definition.	<b>Flash Memory Camcorders</b>
<b>Our Price £169.99</b>	Lagria FS200 3 colours <b>£239.00</b>
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	Lagria FS21 <b>£349.00</b>
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	Lagria HF S11 <b>£999.00</b>
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Body SRP £4,199.00



**D3s**  
2 YEAR WARRANTY

- 12.1 megapixel FX (full-frame) CMOS sensor
- ISO 200 - 12,800
- 9fps consecutive shooting (11fps in DX Crop mode)
- D-Movie records high-definition (HD) movie clips
- 3-inch VGA LCD monitor
- Durable Magnesium alloy body

Pre Order & Receive a **FREE** SanDisk 16GB Extreme III C/Flash Card and a **FREE** Lowepro Slingshot 200AW bag worth £173.31

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Body SRP £1,499.99



**D300s**  
2 YEAR WARRANTY

- 12.3 megapixel DX format CMOS image sensor
- 7 fps continuous shooting
- Records beautiful, high-definition (HD) movie clips
- ISO 200-3200 extendable up to ISO 6400
- D-Movie with stereo microphone terminal
- Dual card slots for CF/SD memory cards

Brand new Digital SLR from Nikon now in stock at Park Cameras! Please see our website for the latest **LOW PRICES!!**

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Nikon EN-EL9a Batt (D3000)	<b>£54.99</b>	Nikon EN-EL3e Batt (D300s)	<b>£45.00*</b>
Nikon CF-DC1 Case (D3000)	<b>£45.99</b>	Nikon CF-D200 Case (D300s)	<b>£59.99*</b>
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- Guide Mode
- 10.2 megapixel CCD sensor
- 11-point autofocus system
- 3.0" LCD Screen
- Fast response

#### Nikon D5000

- Innovative var-angle LCD monitor
- Live View and D-Movie
- 7 fps continuous shooting
- 12.3 megapixels & wide ISO range
- Extensive in-camera retouch menu

Our Price **£348.00**  
D3000 + 18-55mm VR £424.99  
Nikon CF-DC1 Semi Soft Case w/bw £39.99  
Nikon EN-EL9a Battery w/bw £52.00

Our Price **£469.00**  
D5000 + 18-55mm VR £589.00  
Nikon CF-DC2 Semi Soft Case w/bw £49.00  
Nikon EN-EL9a Battery w/bw £52.00

### NEW LOW PRICE FULL FRAME D-SLR

#### Nikon D90

- 12.3 megapixel DX format
- Self-cleaning sensor unit
- D-Movie function offers Motion JPEG movies in exceptional D-SLR image quality

#### Nikon D700

- 12.1 megapixels
- Full Frame CMOS Sensor
- 5 fps continuous shooting
- 3.0" LCD Screen
- Live View with Autofocus

Our Price **£636.00**  
D90 + 18-105mm VR £837.00  
Nikon CF-D80 Semi Soft Case w/bw £43.00  
Nikon EN-EL3e Batt. w/bw £45.00

Body Price **£1,759.00**  
+ 14-24mm £2,999.99  
+ 105mm Micro £2,377.99  
Nikon EN-EL3e Batt. w/bw £45.00

### PROFESSIONAL D-SLR

#### Nikon D3

- 12.2 megapixels
- ISO 200-6400
- 3.0" LCD with Live View
- Mag. alloy body

### FULL FRAME D-SLR

#### Nikon D3s

- 24.5 MP FX format sensor
- ISO 100 - 1600
- 5fps consecutive shooting
- 3.0" LCD with Live View
- Magnesium alloy body

Body Price **£2,799.00**  
+ 14-24mm VR £4,458.98  
+ 24-70mm f/2.8 £4,393.99  
Nikon EN-EL4a Batt. w/bw £90.00

Body Price **£4,850.00**  
+ 14-24mm VR £6,194.98  
+ 24-70mm f/2.8 £6,109.98  
Nikon EN-EL4a Batt. w/bw £90.00

For compact Nikon Digital Cameras, please visit our website

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CS-501 case for 5700/5600/5550	<b>£29.99</b>
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CS-CP10/11/12 case for L11/L12	<b>£25.00</b>
Leather case for P4800	<b>£25.00</b>
CS-P04 case for P6000	<b>£24.99</b>
CS-P05 case for P90	<b>£32.99</b>
CF-DC1 semi soft case for D40	<b>£45.99</b>
CF-DC2 semi soft case for D5000	<b>£54.99</b>
CF-D200 semi soft case for D300	<b>£65.99</b>

### NIKON SCANNERS

Coolscan 9000 ED (Film/Slide) **£2,799.00**

### NIKON GRIPS

MB-D80 (D80 / D90)	<b>£149.99</b>
MB-D200 (D200)	<b>£129.99</b>
MB-D10 (D300 / D700)	<b>£239.99</b>

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Camera Control Pro 2	<b>£146.99</b>
Capture NX2	<b>£119.99*</b>

### NIKON CHARGERS

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MH-21 Quick Charger (EN-EL4)	<b>£168.99</b>
MH-23 Charger (EN-EL9)	<b>£45.99</b>

### NIKON GP-1 GPS UNIT

Global Positioning System (GPS), attaches to D90, D5000 or D3x cameras & records the exact location of the camera when a picture is taken  
SRP £232.99  
**OUR PRICE £202.99**

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High performance Wireless Transmitter for use with the Nikon D300, D3 and D3s.  
SRP £686.99  
**OUR PRICE £549.99**

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AF-D 14mm f/2.8D	<b>£1,179.99</b>
AF-D 16mm f/2.8D	<b>£589.00</b>
AF-D 20mm f/2.8	<b>£403.99</b>
AF-D 24mm f/2.8D	<b>£309.99</b>
PC-E 24mm f/3.5D ED Manual Focus	<b>£1,319.99</b>
AF-D 28mm f/2.8	<b>£213.99</b>
35mm f/2.8 AF Nikkor D	<b>£248.99</b>
35mm f/1.8 AF-S DX Lens	<b>£139.99</b>
PC-E 45mm f/2.8D ED Micro	<b>£1,389.99</b>
AF 50mm f/1.4D	<b>£239.99</b>
AF 50mm f/1.4G New	<b>£279.99</b>
AF-D 50mm f/1.8	<b>£113.99</b>
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AF-D 85mm f/1.8D	<b>£298.99</b>
AF-D 85mm f/1.4 (I)	<b>£879.99</b>
AF-D 200mm f/4D IF ED Micro	<b>£1,349.99</b>
PC-E 85mm f/2.8D ED Micro Manual	<b>£1,299.99</b>
AF-DC 105mm f/2.8 Nikkor Lens	<b>£768.99</b>
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AF-D 200mm f/4D IF ED Micro	<b>£1,349.99</b>
AF-S 200mm f/2.8G IF ED VR	<b>£1,094.99</b>
AF-S 300mm f/2.8G IF-ED VR	<b>£1,079.99</b>
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AF-S DX 18-55mm f/3.5-5.6G VR	<b>£120.00</b>
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• Close focus distance of 3m.  
• Multi-layer coated lenses for bright image.  
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## PENTAX

### PENTAX LENSES

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31mm f/1.8 FA SMC Limited (Bk)	<b>£1,099.00</b>
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50mm f/2.8 MACRO DFA SMC	<b>£449.00</b>
55mm DA* f/1.4 S0M	<b>£599.00</b>
70mm f/2.4 SMC DA Limited	<b>£485.00</b>
77mm f/1.8 SMC FA Limited	<b>£879.00</b>
100mm f/2.8 D FA Macro	<b>£525.00</b>
200mm f/2.8 SMC DA* ED IF SDM	<b>£999.00</b>
300mm f/4 SMC DA* ED IF SDM	<b>£1,149.00</b>
10-17mm SMC B3.5-5.6 DA ED IF	<b>£499.00</b>
17-70mm SMC DA F4 AL IF SDM	<b>£529.00</b>
16-45mm f4 ED AL SMC	<b>£249.00</b>
16-50mm DA* f2.8 ED AL IF SDM	<b>£835.00</b>
18-55mm f/3.5-5.6 DA SMC (25)	<b>£29.99</b>
18-55mm (Unboxed)	<b>£27.00</b>
12-24mm f4 DA ED AL (IF)	<b>£949.00</b>
18-55mm f/3.5-5.6 DA AL II	<b>£50.00</b>
18-55mm f/3.5-5.6 DA AL VR	<b>£60.00</b>
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Optio P70 4 colours available	<b>£139.99</b>
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Optio W80 4 colours available	<b>£249.99</b>
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### PENTAX X70

- 12.0 million pixels
- 24x Optical Zoom
- Triple Shake Reduction technology
- 2.7" LCD Screen

### PENTAX K-X

- 12.4 million pixels
- User-friendly operation
- 4.7 fps
- 2.7" LCD Screen
- Available in Black, Blue, Red or White Designs

NEW & IN STOCK!!

Our Price **£299.00\*** or + SanDisk 4GB SD **£307.00\***

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### PENTAX K20D

- 14.6 million pixels
- Sensor shake system
- Dust Alert
- 2.7" LCD with Live View
- 2 year warranty from Park Cameras

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- 14.6 million pixels
- Sensor shake system
- Video Recording
- 3.0" LCD with Live View
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SAVE **£190.99!**

Body Price **£579.00**

or + 18-55mm II **£629.00**

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Body Price **£994.99**

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- High quality, weather-resistant & dust-resistant construction
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- Excellent Range

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8x32 DCF XP	<b>£126.99</b>
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10x25 DCF SW	<b>£139.00</b>
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Not a compact. Not an SLR. It's a PEN. The PEN is the world's first mini-camera attaining SLR camera levels. It is small enough to be stashed away, readily available for any occasion. Despite the size, it has SLR quality, making it a valuable treasure to have at hand. For further details on the various kits available, please visit our website.

### €-420

- 10 Mega pixels
- Anti Dust System
- 25mm
- 14-42mm + 40-150mm

### €-450

- 10 Mega Pixels
- Supersonic Wave Filter
- 2.7" LCD with Live View
- Creative Art Filters

Body **£249.99**

+ 25mm **£378.00** + 14-42mm **£289.99** + 14-42mm + 40-150mm



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**DPF-D70 7" Digital Frame**

7" digital photo frame with elegant, contemporary design and fun, convenient viewing features

**AP Special! Only £79.99!**

\*please mention AP - 7th November 2009

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Capture your World

Like never before

**IT100 Black / Silver**  
**Red / Blue**



12.2 MP  
5x Zoom

**Only £169.00\***

SRP £199.99

**WB-500**  
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10.2 MP  
10x Zoom

**Only £169.99\***

SRP £249.99

**WB-1000**  
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12.2 MP  
5x Zoom

**Only £249.99\***

SRP £299.99

### Samsung Digital Cameras

ES15 (Silver)	£69.99	NV24 HD Silver + Cradle(7)	£189.99
ES55 (Available in 4 colours)	£79.99	ST50 (Silver/Black/Red)	£159.00
PL65 (Black/Silver/Grey)	£139.99	ST550 NEW	£229.00
PL60 (Available in 4 colours)	£129.99	ST1000 NEW	£299.99
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PL55 NEW	See Web	WB-5000 NEW	£399.99
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For all the latest information on all the Samsung Compact Digital Cameras and Camcorders, please visit our website.

**PL65**  
**Black / Silver / Grey**



12.2 MP  
5x Zoom

**Only £139.99\***

SRP £159.99

### Ricoh R10

- 10 Mega pixels • 3.0" LCD
- 7.1 x Optical Zoom
- 2 year warranty



**IN STOCK!!**  
**OUR PRICE £129.99**  
**+ 4GB SD + TAMRAC 3805 £151.98**

### Ricoh CX1

- 9.2 Mega pixels • 3.0" LCD
- 7.1 x Optical Zoom
- 2 year warranty



**NEW LOW PRICE!!**  
**OUR PRICE £229.00**  
**+ 2GB SD + TAMRAC 3805 £250.00**

## CASIO

**EXILIM Pro EX-FC100**

- 9.1 Mega Pixels
- 30 frames per second
- 5x optical zoom



SRP £299.99

**Our Price £189.99**  
**+ 4GB SD HC Card £199.99**

## CASIO

**EXILIM Pro EX-FS10**

- 9.1 Mega Pixels
- 30 frames per second
- 3x optical zoom



SRP £349.99

**Our Price £249.99**  
**+ 2GB SD + 3582 Case £265.97**

## CASIO

**EXILIM Pro EX-F1**

- 6.0 Mega Pixels
- 60 frames per second
- 12x optical zoom



SRP £749.99

**Our Price £499.99**  
**+ 16GB SD HC Ultra II £539.99**

## CASIO

**EXILIM Pro EX-FH20**

- 9.1 Mega Pixels
- 40 frames per second
- Can record high speed movies at up to 1000 fps
- 12x optical zoom
- Anti-Shake function



**Our Price £289.00**  
**+ 4GB SD HC Ext. III £314.98**

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12.1 Megapixel Digital SLR



**G1 + I445mm £479.00!**  
**Twin Lens Kit £639.00**

Standard Kit SRP £599.99

12.1 Megapixel Digital SLR



**New & In Stock!**  
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SRP £559.99

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**Compact with FREE Case!**  
**DSC W275 - Black**



12.1 MP  
5x Zoom

**Only £189.99**

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**NEW & NOW IN STOCK!**  
**α 230 + 18-55mm**



10.2 MP  
HDMI Output

**Only £349.00**

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**NEW LOW PRICE**  
**α 350 Twin Lens Kit**



14.2 MP  
Tilting LCD

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SRP £749.99

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14.2 MP  
Tilting LCD

**Only £498.00**

SRP £699.99

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12.3 MP  
Tilting LCD

**See Website!**

SRP £599.00

**NEW & COMING SOON!**  
**α 550**



14.2 MP  
7 fps

**Pre-Order Now!**

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- VGC-90AM (α900) **£249.99**

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- DSC S950 **£109.00**
- DSC T90 **£269.00**
- DSC T900 Silver **£339.00**
- DSC W220 **£159.00**
- DSC W270 **£229.00**
- DSC W300 **£219.99**
- DSC H50 **£259.99**
- DSC WX1 New & In Stock **£369.99\***
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**SONY**

**NEW & IN STOCK!**  
**α 850**



24.6 MP  
Full Frame

**See Website**

SRP £1,999.00

**IN STOCK!**  
**α 900 Body Only**



24.6 MP  
Full Frame

**See Website**

SRP £2,099.99

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- 100mm f2.8 Macro **£495.00**
- Carl Zeiss T\* DT 16-80 **£549.99**
- DT 18-70mm f3.5-5.6 **£95.00**
- DT 18-200mm f3.5-6.3 **£279.00**
- Carl Zeiss T\* 24-70mm **£1,399.99**
- 70-200mm f2.8 G **£1,499.99**
- 70-300 f/4.5-5.6 G **£1,699.00**

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- DCR HC51E **£219.99**
- DCR HC62E **£269.99**
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- DCRVD450E DVD(4) **£389.99**
- HDR CX11E **£549.99**
- HDR CX105E HDMI **£399.00**
- HDR XR105E 80GB **£499.00**
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### NEW LOW PRICE!!

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- 12 MP
- 5x Zoom

SRP £259.99

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- Gigia Vu Pro Evo (80GB) **£389.99**
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**160GB Photo Viewer**  
**£429.00\***

SRP £538.29 \*Offer available until 16th November 2009



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- Studio Flash Kit -

Two heads & stands are the foundation of these popular sets. Included are a Bowens Softbox with 2 Bowens Silver/White Umbrellas & a pair of wide-angle reflectors designed to give a great degree of creative flexibility



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2.53GHz/2X2G/250GB



- Get 10% off AppleCare Protection Plan wbw
- Purchase an ACME Made Computer Sleeve for only £34.99 wbw
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- In Stock at only £949.00!**

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2.13GHz/2GB/160GB



- Get 10% off AppleCare Protection Plan wbw
- Upgrade to 4GB Ram for an extra £80.00
- In Stock at only £749.00!**

### Apple Time Capsule

500GB Hard Drive



- Suitable for use with Mac or PC
- In Stock at only £229.00!**

### MacBook Pro 13"

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- Get 10% off AppleCare Protection Plan wbw
- Upgrade to 4GB Ram for an extra £69.00
- In Stock at only £899.00!**

Order any item within this advert and receive FREE next working day Delivery - mentioning the WDC

### AppleCare Protection Plans:

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- for MacBook Pro 15" **£279.00**
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iWork '09 Retail **£69.00**

iWork '09 Family Pack **£85.00**

Apple TV 160GB **£263.00**

iMacs:

iMac 20" 2.66GHz/2GB/320GB/9400 **£949.00**

iMac 24" 2.66GHz/4GB/640GB/9400 **£1,199.00**

MacBooks:

13" white 2.13GHz/2GB/160GB/9400 **£749.00**

Pro 13" 2.26GHz/2GB/160GB **£899.00**

Pro 13" 2.53GHz/2GB/160GB **£1,149.00**

Pro 15.4" 2.53GHz/2GB/160GB **£1,299.00**

Pro 15.4" 2.66GHz/2GB/160GB **£1,699.00**

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All Apple items featured in this advert are currently in stock! Order today, receive by 5:30pm tomorrow!\*

\*excl weekends & Bank Holidays



# PARKCameras

KEEPING YOU IN THE PICTURE



## FREE cokin®

P-Series filter holder when bought with any Digital SLR & Cokin Filter on mention of Amateur Photographer Available whilst stock lasts

worth £11.99!

### Free Delivery to UK Mainland on Cameras/ Printers/ Scanners!

\*over the value of £50

# SIGMA

Sigma is a world leader in the optical field with top quality lenses available in Sigma, Canon, Nikon, Pentax, Sony and Four Thirds fits. Please see below to find a lens for you - at LOW PARK CAMERAS PRICES!!

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8mm f/3.5 EX DG Fisheye	£719.99
10mm f/2.8 EX DC Fisheye	£559.99
15mm f/2.8 EX DG Fisheye	£559.99
20mm f/1.8 EX DG	£479.99
24mm f/1.8 EX DG	£399.99
28mm f/1.8 EX DG	£319.99
30mm f/1.4 EX DC HSM	£384.99
50mm f/1.4 EX DG HSM	£359.99
50mm f/2.8 EX DG Macro	£234.99
70mm f/2.8 EX DG Macro	£374.00
105mm f/2.8 EX DG Macro	£374.00
150mm f/2.8 EX DG Macro HSM	£563.99
180mm f/3.5 EX DG Macro HSM (not Pentax)	£723.99
300mm f/2.8 APO EX DG	£2,154.00

500mm f/4.5 APO EX DG	£3,769.00
800mm f/5.6 APO EX DG	£5,199.00
10-20mm f/3.5 EX DC HSM	£519.99
10-20mm f/4-5.6 EX DC HSM	£389.99
12-24mm f/4.5-5.6 EX DG HSM	£679.99
17-70mm f/2.8-4.5 DC MACRO	£243.99
18-50mm f/2.8-4.5 DC OS HSM	£249.00
18-50mm f/2.8 EX DC Macro	£312.00
18-125mm f/3.8-5.6 DC OS HSM	£244.00
18-200mm f/3.5-6.3 DC	£214.99
18-200mm f/3.5-6.3 DC OS	£283.99
18-250mm f/3.5-6.3 DC OS HSM	£394.00
24-70mm f/2.8 EX DG Macro	£423.99
24-70mm f/2.8 EX DG HSM	£734.00
28-300mm f/3.5-6.3 DG Macro	£244.99

## NEW LOW PRICES ON SIGMA LENSES THIS AUTUMN!

50-150mm f/2.8 EX DC HSM II	£559.99
50-200mm f/4-5.6 DC OS HSM	£239.00
50-500mm f/4-6.3 EX DG HSM	£1,079.99
70-200mm f/2.8 EX DG Macro HSM II	£644.99
70-300mm f/4-5.6 APO DG Macro	£174.99
70-300mm f/4-5.6 DG Macro	£124.99
70-300mm f/4-5.6 DG OS <b>NEW</b>	£309.99
100-300mm f/4 EX DG	£1,119.99
120-300mm f/2.8 EX DG HSM	£2,389.00
120-400mm f/4.5-5.6 DG OS HSM	£599.99
150-500mm f/5-6.3 DG OS HSM	£719.99
200-500mm f/2.8 EX DG	See Web
300-800mm f/5.6 EX DG HSM	£7,249.00

## SIGMA DP2 In Stock at only £599.99!\*

- SLR-sized image sensor
- 14 Megapixels
- Full-color image sensor
- "TRUE II" image processing engine
- 24.2mm\* f/2.8 lens designed for the DP2



## SIGMA DP1s New & Coming Soon!

- A 14 megapixel high definition digital camera, packing the full spec of a DSLR into the body of a compact camera
- Quick Set function
- Improved performance when shooting backlit subjects



## SIGMA FLASHGUNS

Sigma EF-140 DG Flash for DP1/DP2	£59.99
Sigma EF 530 Super DG - Canon   Nikon   Pentax	£209.99
Sigma EF 530 Super DG - Sony   Minolta   Sigma	£209.99
Sigma EF 530 ST DG - Canon   Sony   Pentax	£139.99
Sigma EM-140 DG Macro - Canon   Nikon   Sony	£299.99

Purchase any Sigma lens from Park Cameras, and receive a Sigma Microfibre lens cleaning cloth for only £5.00 when quoting Amateur Photographer.

Only £5.00\*

## MARUMI Lens Hoods from £9.99 for Canon Lenses.

See web for full range.	
<b>Flashguns</b>	
D728AFC Flash Gun - Canon	£64.99
D728AFN Flash Gun - Nikon	£64.99
D35AFC Flash Gun - Canon	£89.99
D35AFN Flash Gun - Nikon	£89.99
DRF14C Ring Flash - Canon	£109.99
DRF14C Ring Flash - Nikon	£109.99

## Nissin Flashguns

Di28 Flash - Canon	£59.99
Di28 Flash - Nikon	£59.99
Di466 Flash - Canon	£89.99
Di466 Flash - Nikon	£89.99
Di622 Flash - Canon	£99.99
Di622 Flash - Nikon	£99.99
SC-01 Universal Shoe Cord	£49.99

## Nissin Di866 Pro Flash



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14mm f/2.8 SP AF	£599.99
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10-24mm f/3.5-4.5 Di II SP	£299.99
18-200mm f/3.5-6.3 Di	£165.99
18-250mm f/3.5-6.3 Di	£378.99
18-270 f/3.5-6.3 VC Macro	£448.99
28-75mm f/2.8 XR Di Macro	£347.99
28-200mm f/3.8-5.6 XR Di	£248.99
28-300mm f/3.5-6.3 XR Di	£309.99
28-300mm f/3.5-6.3 XR Di VC	£899.99
55-200mm Di II AF	£104.99
70-200mm f/2.8 Di LD (IF)	£459.99
70-300 f/4-5.6 Di LD Macro	£123.99
200-500mm f/5-6.3 Di LD IF	£849.00

**Tamron 10-24mm f/3.5-4.5 Di II**  
This ultra wide-angle zoom lens for digital SLR cameras, is a perfect tool for creating dramatic landscape, cityscape, & seascape imagery

Only £299.99

## Tokina

AT-X 35mm f/2.8 Macro	£349.00
AT-X 100mm f/2.8 Macro	£339.99
AT-X 10-17mm f/3.5-4.5 DX	£469.99
AT-X 11-16mm f/2.8 Pro DX	£479.99
AT-X 12-24mm f/4 DX	£419.99
AT-X Pro 16-50 f/2.8 DX	£589.99
AT-X Pro 50-135mm f/2.8	£549.99
AT-X 80-400mm f/4.5-5.6	£559.00

For the full range and money saving offers with filters, please see our website

## Kenko

An easy and inexpensive way to increase the abilities of your lenses without the expense of purchasing & carrying another telephoto lens.

1.4x MC4 DGX	£135.00
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AF 2x Pro 300 DG Conv.	£179.99
AF 3x Pro 300 DG Conv.	£179.99
DG Tube Set 36+20+12	£129.99

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52mm UV	£12.60
52mm Circular Polarizing	£31.77
52mm SHMC Pro 1-D UV	£80.87
52mm HD Digital Circular Pol.	£78.03
52mm HD Digital UV (0)	£35.46
55mm UV	£14.04
55mm Circular Polarizing	£35.19
55mm SHMC Pro 1-D UV	£32.94
55mm HD Digital UV (0)	£37.94
55mm HD Digital Circular Pol.	£85.14
58mm UV	£16.29
58mm Circular Polarizing	£40.59
58mm SHMC Pro 1-D UV	£35.19
58mm HD Digital UV (0)	£40.59
58mm HD Digital PL-CIR	£87.32
62mm UV	£21.06
62mm Circular Polarizing	£33.73
62mm SHMC Pro 1-D UV	£39.51
62mm HD Digital UV (0)	£45.63
62mm HD Digital Circular Pol.	£88.20
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67mm Circular Polarizing	£62.37
67mm HD Digital UV (0)	£52.74
67mm HD Digital Circular Pol.	£97.20
72mm UV	£33.57
72mm Circular Polarizing	£63.36
72mm HD Digital UV (0)	£61.83
72mm HD Digital Circular Pol.	£124.20
77mm SHMC Pro 1-D UV	£56.07
77mm Circular Polarizing	£41.84
77mm UV	£44.49
77mm Circular Polarizing	£77.31
77mm HD Digital UV (0)	£72.99
77mm HD Digital Circular Pol.	£145.80

All filters at special prices. Please quote this advert when ordering.

## Kenro Lighting

Slim Light 300 Kit (1)	£309.99
300 Pro Studio Flash Kit (1)	£299.99
TF008 Softbox for Studio 300 60x60cm	£49.99
TF013 Studio Lighting Acc Adp	£37.99

## LACIE

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## Little Disk 300GB/2.5/USB2.0

Only £74.00  
d2 Quadra 115/68mm  
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WACOM PEN & TOUCH  
BE INSPIRED BY THE BEST OF BOTH WORLDS.  
It's time for a new device that could change your digital life completely. With the new Bamboo, Wacom is introducing the first tablet combining multi-touch functionality and pen tablet technology in a single device. The result: the best of both worlds - and a new and intuitive, simple and inspiring way to work with computers.  
**NEW & NOW IN STOCK!!**

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## Lensbabies

Original 2.0 Canon Fit (1)	£69.99
LBMP-Muse (Plastic)	£75.00
LBMP-Muse (Double Glass)	£99.99
LBXC-Composer	£164.99
Optic Kit, Plastic, Pinhole	£74.99

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UPDATED DAILY!

## Software at Park Cameras

Adobe Photoshop Elements 7.0 (Windows)	£49.99*
Adobe Premier Elements 7.0 (Windows)	£73.49
PS Elements 7.0 + Premier Elements 7.0	£107.99
Adobe Photoshop CS4 (Windows)	£639.99
Adobe Lightroom 2.0 (Windows / Mac)	£224.99
Lightroom 2.0 Upgrade (Windows / Mac)	£91.99

visit us online at [www.parkcameras.com/ap](http://www.parkcameras.com/ap)

Tel: 01444 23 70 60

All prices include VAT @ 15% Opening times Mon-Sat 9.45-5.45pm; Thursday 8.45-7.30pm; Sunday 10.15-4.30pm. Sunday trading is for in-store only. Store address : York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT. We accept Visa, Mastercard, Switch/Maestro. Figures in brackets indicate stock level held at unrepeatable prices at time of going to print. All products are UK stock. £EOE. \* = Please mention "Amateur Photographer" for this special price

Prices correct at time of going to press; check website for latest prices.





Run out of ideas of what to get someone for their Birthday? Is the person that you are buying for interested in Photography? Then why not consider purchasing a Park Cameras Gift Voucher. Gift vouchers are only available in our showroom, or via mail order by calling 01444 23 70 60.

Please visit our website for a range of Colour Management Devices

# Printers at Park Cameras

For all the latest NEW Printers, please visit our website where you can see all the details as well as place pre-orders!

## Canon Roll Paper

Pearl Photo Paper 260g 30.5m x 17" (5)	£59.99
High Gloss Heavy Photo Paper 255gsm 17" 30m (12)	£42.00
High Glossy Paper 240gsm 17" 30.5m (1)	£49.99
Economy Glossy Photo Paper 200gsm 17" 30.5m (5)	£29.99
Economy Satin Photo Paper 200gsm 17" 30.5m (9)	£29.99
Art Paper Extra Smooth 250gsm 17" 12.2m (2)	£39.99
Satin Photo Paper 240gsm 17" 30.5m (7)	£59.99
Matt Coated Paper 140gsm 17" 30m (6)	£24.99
Water Resistant Art Canvas 340gsm 17" 12.2m (2)	£59.99

Seen this cheaper??

Let us know and we will try and match it or even beat it!

## Epson Stylus Photo R2880

### A3+ Printer

Step into large-format printing with first-rate black and white images or colour

**£579.99\***

SRP £655.73



## Canon Pixma iP4700

### A4 Printer

Superior prints and functionality for the best in home photo and document printing.

**£109.00**

SRP £109.00



## Canon Pixma Pro 9500 Mark II

### A3+ Printer

The professional-quality A3 photo printer enabling you to achieve better results, faster.

**£649.00**

SRP £729.00



## HP Photosmart C8180

### A4 Printer

All-in-One Printer, Scanner, Copier

**£199.99**

SRP £294.99



## HP Photosmart Pro 9180

### A3+ Printer

Print professional quality photographs that resist fading for generations

**£399.99\***

SRP £557.86



## Epson Stylus Photo PX710w

### A4 Printer

This compact Hi-Definition All-in-One is ideal for the wireless home

**£179.99\***

SRP £199.99



## CANON PRINTERS

Pixma iP100 Portable No Battery	£239.99
Pixma iP100 Portable + Battery	£279.00
Selphy CP760 (Compact)	£79.00
Selphy CP770 (Compact)	£139.00
Selphy ES3 (Compact)	£189.00
Pixma iP2600 (A4)	£45.00
Pixma iP3600	£69.99
Pixma iP4600 (A4)	£99.00
Pixma Pro 9500 Mark II (A3+)	See Web
Pixma Pro 9500 Mark II (A3+)	See Web
Pixma MP190 (All-in-One)	£59.00
Pixma MP540 (All-in-One)	£99.00
Pixma MP620 (All-in-One)	£139.00
Pixma MP980 (All-in-One)	£289.00

For the latest new Canon Printers, please visit [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP)

## EPSON PRINTERS

Stylus Photo P50 (A4)	£89.99
Stylus Photo PX650 (A4)	£129.99
Stylus Photo R800 (A4)	£259.99
Stylus Photo 1400 (A3+)	£279.99
Stylus Photo 1900 (A3+)	£329.99**
Stylus Photo R2880 (A3+)	£579.99
Stylus Photo R2880 Krite (A3+)	
+ Spare Full set of inks (1)	£679.00

## HP PRINTERS

PhotoSmart C4480 (A4)	£39.00
PhotoSmart C4580 (A4)	£69.99
PhotoSmart D7460 (A4) [3]	£99.99
PhotoSmart C6380 (A4)	£99.99
PhotoSmart Pro B8850 (A3+)	£349.99
PhotoSmart B8550 (A3+)	£259.99
PhotoSmart 9180 GP (A3+) [4]	£499.99

## Canon Large Format Printers

### iPF 5100

**Our Price £1,449.99**  
saving over £300.00!

### iPF 6100

**Our Price £2,199.99**  
saving over £730.00\*

### iPF 6200

**Our Price £2,399.99**  
saving over £530.00!

### iPF 8100

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## Epson Large Format Printers

### Stylus Pro 7900

**Our Price £3,499.99\***  
saving over £519.00!

### Stylus Pro 9900

**Our Price £5,699.99\***  
saving over £1,190.00!



Stylus Pro 4880	£1,999.99
Stylus Pro 7880	£2,499.99*
Stylus Pro 7900	£3,899.99
Stylus Pro 9880	£4,799.99*

50% off Epson Warranties..

### Stylus Pro 3880

**Our Price £1,143.00**  
saving over £50.00!



\*after loyalty cashback from Epson

# Scanners at Park Cameras

## Epson Perfection V350

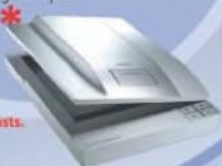
### Flatbed Scanner

Slimline scanner that makes high quality photo & film scanning simple

**£89.99\***

SRP £117.44

\*Offer available whilst stock lasts.



**plustek**

Image Solution Provider



New film & print scanners from Plustek!!

Available to order now!

See [www.ParkCameras.com](http://www.ParkCameras.com) for details.

## CANON SCANNERS

LIDE 100 (Flatbed)	£49.00
LIDE 200 (Flatbed)	£74.00
LIDE 700F (Flatbed) NEW	See Web
Canoscan 5600F (Flatbed)	£129.00
Canoscan 5600F (Flatbed)	£159.00
Canoscan 8800F (Flatbed)	£179.00

## NIKON SCANNERS

Coolscan 9000 ED (Film/Slide)	£2,799.00
NIKON SCANNER ACCESSORIES	
SF-210 Slide Feeder (C/scan 5000)	£589.99
FH-G1 Medical Slide Holder	£247.99
FH-8355 35mm Strip Film Holder	£73.99
FH-869M 120/220 Mounted Film Holder	£118.99
FH-869G 120/220 Strip Film Holder Glass	£360.99
FH-3 Strip Film Holder	£24.99

## EPSON SCANNERS

Perfection 4490 Photo (Flatbed)	£139.99
Perfection V300 Photo (Flatbed)	£79.99
Perfection V350 Photo (Flatbed)	£89.99*
Perfection V500 Photo (Flatbed)	£199.99
Perfection V600 Photo (Flatbed)	£149.00**
Perfection V700 Photo (Flatbed)	£404.99
Perfection V750 Photo (Flatbed)	£549.99

## HP SCANNERS

ScanJet G3010 (Flatbed)	£49.99
ScanJet G4010 (Flatbed)	£107.99
ScanJet G4050 (Flatbed)	£169.99

## PLUSTEK SCANNERS

SmartPhoto P60 (Print) NEW	£89.99
OpticFilm 7300 (Film)	£149.99
OpticFilm 7400 NEW	See Web
OpticFilm 7500i SE	£209.99
OpticFilm 7500i AI	£239.99
OpticFilm 7600i SE NEW	See Web
OpticFilm 7600i AI NEW	See Web





## Lowering the Cost of Printing

We are a small family owned and run company, specialising in photographic consumables. We are based in Leamington Spa, in the heart of Warwickshire - if you are passing, or live close by, please pop into our shop, and meet Judy - our office dog!

Premier Ink & Photographic, Longfield Road, Sydenham Industrial Estate, Leamington Spa, Warwickshire. CV31 1XB.

[www.premier-ink.co.uk](http://www.premier-ink.co.uk)

## PRINTER INK CARTRIDGES



# EPSON

COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called **Jet Tec**. Using **Jet Tec Compatibles** is a way of saving money, without compromising on the quality of your prints. Here're the results from two independent ink tests that agree...

"Jet Tec's colours were superb, with single greys and blacks very close to Epson ...so Jet Tec wins!"  
- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing!"  
- Computer Upgrade Magazine



Cartridge Code:	Originals:	Jet Tec Compatibles:	Suitable EPSON Printers:
T007 Black	£21.52 16ml	£3.90 20ml, 3 for £10.75	Photo 790, 870, 890, 895, 900, 915, 1290
T008 Colour	£17.61 46ml	£4.89 50ml, 3 for £13.70	Photo 790, 870, 890, 895, 915
T009 Colour	£24.46 66ml	£4.89 70ml, 3 for £13.70	Photo 900, 1270, 1290
T026 Black	£19.56 16ml	£3.90 20ml, 3 for £10.75	Photo 810, 830, 830u, 925, 935
T027 Colour	£19.56 46ml	£4.89 50ml, 3 for £13.70	Photo 810, 830, 830u, 925, 935
T036 Black	£9.78 10ml	£3.90 13ml, 3 for £10.75	C42, C44, C46
T037 Colour	£11.73 25ml	£4.89 31ml, 3 for £13.70	C42, C44, C46
T040 Black	£19.56 17ml	£3.90 20ml, 3 for £10.75	C62, CX3200
T041 Colour	£19.56 37ml	£4.89 48ml, 3 for £13.70	C62, CX3200
T0331-336 Set of 7	£99.99	£29.35, 3 sets for £86.12	Photo 950, 960
T0331/2/3, each	£14.67 17ml	£4.89 21ml, 3 for £13.70	Photo 950, 960
T0334/5/6, each	£14.67 17ml	£4.89 21ml, 3 for £13.70	Photo 950, 960
T0341-347 Set of 7	£112.99	Not Available.	Photo 2100
T0341/8, each	£14.67 17ml	Not Available.	Photo 2100
T0342/3/4, each	£17.61 17ml	Not Available.	Photo 2100
T0345/6/7, each	£17.61 17ml	Not Available.	Photo 2100
T0441-454 Set of 4	£39.99	£14.67, 3 sets for £42.08	C64/66, C84/86, CX3600/3650/4000/6600
T0441 Black	£17.61 13ml	£4.89 21ml, 3 for £13.70	C64/66, C84/86, CX3600/3650/4000/6600
T0452/3/4, each	£9.78 8ml	£3.90 21ml, 3 for £10.75	C64/66, C84/86, CX3600/3650/4000/6600
T0481-486 Set of 6	£59.99	£19.56, 3 sets for £56.75	R200/220/300/320/340 RX500/600/620/640
T0481/2/3, each	£13.70 13ml	£3.90 21ml, 3 for £10.75	R200/220/300/320/340 RX500/600/620/640
T0484/5/6, each	£13.70 13ml	£3.90 21ml, 3 for £10.75	R200/220/300/320/340 RX500/600/620/640
T0540-549 Set of 8	£99.99	£35.22, 3 sets for £97.87	Photo R800, R1800
T0540 Gloss	£7.82 13ml	£3.90 21ml, 3 for £13.70	Photo R800, R1800
T0541/2/3/4, each	£13.70 13ml	£4.89 21ml, 3 for £13.70	Photo R800, R1800
T0547/8/9, each	£13.70 13ml	£4.89 21ml, 3 for £13.70	Photo R800, R1800
T0551-554 Set of 4	£27.99	£14.67, 3 sets for £42.08	Photo R240/245, RX420/425/520/525
T0551 Black	£8.80 8ml	£3.90 21ml, 3 for £10.75	Photo R240/245, RX420/425/520/525
T0552/3/4, each	£8.80 8ml	£3.90 21ml, 3 for £10.75	Photo R240/245, RX420/425/520/525
T0591-599 Set of 8	£92.99	Check Website.	Photo R2400
T0591/2/3, each	£11.73 13ml	Check Website.	Photo R2400
T0594/5/6, each	£11.73 13ml	Check Website.	Photo R2400
T0597/7/8, each	£11.73 13ml	Check Website.	Photo R2400
T0611-614 Set of 4	£27.99	£14.67, 3 sets for £42.08	D68/88, DX3800/3850/4200/4250/4800/4850
T0611 Black	£8.80 8ml	£4.89 21ml, 3 for £13.70	D68/88, DX3800/3850/4200/4250/4800/4850
T0612/3/4, each	£8.80 8ml	£3.90 21ml, 3 for £10.75	D68/88, DX3800/3850/4200/4250/4800/4850
T0711-714 Set of 4	£27.99	£14.67, 3 sets for £42.08	S20, SX100/200, D799/92/120, DX4000/4400/5000/5000
T0711 Black	£8.80 7.4ml	£4.89 13ml, 3 for £13.70	S20, SX100/200, D799/92/120, DX4000/4400/5000/5000
T0712/3/4, each	£8.80 5.5ml	£3.90 13ml, 3 for £10.75	S20, SX100/200, D799/92/120, DX4000/4400/5000/5000
T0791-796 Set of 6	£69.99	Check Website.	Photo 1400
T0791/2/3, each	£11.73 10ml	Check Website.	Photo 1400
T0794/5/6, each	£11.73 10ml	Check Website.	Photo 1400
T0801-806 Set of 6	£42.99	£19.56, 3 sets for £56.75	Photo R265/285/360, RX560/585/685
T0801/2/3, each	£8.80 7.4ml	£3.90 13ml, 3 for £10.75	Photo R265/285/360, RX560/585/685
T0804/5/6, each	£8.80 7.4ml	£3.90 13ml, 3 for £10.75	Photo R265/285/360, RX560/585/685
T0870-879 Set of 8	£75.99	Check Website.	Photo R1900
T0870 Gloss	£7.82 11.4ml	Check Website.	Photo R1900
T0871/2/3/4, each	£9.78 11.4ml	Check Website.	Photo R1900
T0877/8/9, each	£9.78 11.4ml	Check Website.	Photo R1900
T0961-969 Set of 8	£77.99	Not Available.	Photo R2880
T0961/2/3, each	£9.78 11.4ml	Not Available.	Photo R2880
T0964/5/6, each	£9.78 11.4ml	Not Available.	Photo R2880
T0967/8/9, each	£9.78 11.4ml	Not Available.	Photo R2880
T5591-6 Set of 6	£54.99	Not Available.	Photo RX700
T5591/2/3, each	£11.73 13ml	Not Available.	Photo RX700
T5594/5/6, each	£11.73 13ml	Not Available.	Photo RX700

Please call or check our website if you cannot find cartridges for your printer.

## WIDE FORMAT INK



<b>EPSON Stylus Pro 3800</b> T5801/5802/5803/5804/5805/5806/5807/5808/5809 80ml each	£44.03
<b>EPSON Stylus Pro 4000, 4400, 7600, 9600</b> T5431/5432/5433/5434/5435/5436/5437/5438 110ml each T5441/5442/5443/5444/5445/5446/5447/5448 220ml each	£44.03 £69.48
<b>EPSON Stylus Pro 4800, 4880:</b> T6051/6052/6053/6054/6055/6056/6057/6138/6059 110ml T6061/6062/6063/6064/6065/6066/6067/6148/6069 220ml	£44.03 £69.48
<b>EPSON Stylus Pro 7800, 7880, 9800:</b> T6021/6022/6023/6024/6025/6026/6027/6118/6029 110ml T6031/6032/6033/6034/6035/6036/6037/6128/6039 220ml	£44.03 £69.48

Please call or check our website for further details

E&OE. Prices may be subject to change, but hopefully not!

### Canon Compatibles

BC13e Black 26ml	£2.92
BC13e CMY 15ml	£2.92
BC18 B/C/M/Y 15ml	£2.92
BC18 PC/PM/R/G 15ml	£2.92
PG18 Black 30ml	£5.87
CL18 Black 15ml	£4.89
CL18 B/C/M/Y 15ml	£4.89
CL18 PC/PM 15ml	£4.89
PG1520 Black 19ml	£5.87
PG1520 B/C/M/Y/G 9ml	£4.89
BC110 Black (3 pack)	£4.89
BC115 Colour (2 pack)	£5.87
BC124 Black 9ml	£1.94
BC124 Colour 16ml	£2.92
PG37 Black 12ml	£9.78
PG50 Black 28ml	£12.71
CL38 Colour 12ml	£12.71
CL51 Colour 24ml	£14.67

### Canon Originals

BC116 Colour (2 pack)	£21.52
BC13e Black 26ml	£10.75
BC13e CMY 13ml	£9.78
BC18 B/C/M/Y 13ml	£9.78
BC18 PC/PM/R/G 13ml	£9.78
PG18 Black 25ml	£12.71
CL18 B/C/M/Y 13ml	£11.73
PG17 B/C/M/Y 13ml	£11.73
PG18 Clear 19ml	£11.73
PG18 B/C/M/Y/G 14ml	£10.75
PG1520 Black 19ml	£9.78
CL1521 B/C/M/Y/G 9ml	£8.80
PG37 Black 11ml	£12.71
PG40 Black 11ml	£15.65
PG50 Black 22ml	£22.51
PG510 Black 9ml NEW	£11.73
PG512 Black 9ml NEW	£15.65
CL138 Colour 9ml	£16.63
CL141 Colour 12ml	£19.56
CL51 Colour 21ml	£26.42
CL52 Photo 21ml	£19.56
CL511 Colour 9ml NEW	£15.65
CL513 Colour 9ml NEW	£19.56
KP-36IP Ink & Paper	£12.71
KP-108IP Ink & Paper	£29.35

Many more in stock!

### Dell Compatibles

Series 1 Black (T0529)	£11.73
Series 1 Black (T0530)	£12.71
Series 5 Black (M4640)	£11.73
Series 5 Black (M4646)	£12.71

Many more in stock!

### HP Compatibles

No.15 Black 46ml	£4.89
No.21 Black 20ml	£7.82
No.22 Colour 24ml	£9.78
No.27 Black 24ml	£9.78
No.28 Colour 24ml	£12.71
No.45 Black 46ml	£4.89
No.56 Black 24ml	£9.78
No.57 Colour 24ml	£12.71
No.58 Photo 17ml	£12.71
No.78 Colour 45ml	£9.78
No.88XL Black 58ml	£9.78
No.88XL CMY 17ml	£8.80
No.110 Colour 12ml	£10.75
No.336 Black 10ml	£7.82
No.337 Black 24ml	£10.75
No.338 Black 24ml	£10.75
No.339 Black 34ml	£12.71
No.342 Colour 10ml	£10.75
No.343 Colour 21ml	£12.71
No.348 Colour 21ml	£14.67
No.363 Black 20ml	£6.84
No.363 CMY/PC/PM 8ml	£4.89
No.363 Set of 6	£24.46

### HP Originals

No.21 Black 5ml	£13.70
No.22 Colour 5ml	£15.65
No.38 B/C/M/Y/G 27ml	£26.42
No.38 CMY/PC/PM 27ml	£26.42
No.56 Black 19ml	£16.63
No.57 Colour 17ml	£24.46
No.58 Photo 17ml	£22.51
No.59 Grey 17ml	£22.51
No.100 Grey 15ml	£18.58
No.300 Black 4ml	£11.73
No.300 Colour 4ml	£13.70
No.336 Black 5ml	£13.70
No.337 Black 11ml	£17.61
No.338 Black 11ml	£17.61
No.339 Black 21ml	£24.46
No.342 Colour 5ml	£15.65
No.343 Colour 7ml	£18.58
No.344 Colour 14ml	£26.42
No.348 Photo 13ml	£22.51
No.350 Black 4.5ml	£13.70
No.350XL Black 25ml	£27.39
No.351 Colour 3.5ml	£15.65
No.351XL Colour 14ml	£29.35
No.363 CMY/PC/PM	£39.13
No.363 Set of 6	£8.80
No.364 B/C/M/Y 3ml	£7.82
No.901 Black 4ml	£11.73
No.901 Colour 9ml	£16.63

Many more in stock!

### Lexmark Compatibles

No.1 Cartridge	£10.75
No.2 Cartridge	£11.73
No.16 Black	£9.78
No.17 Black	£12.71
No.26 Colour	£11.73
No.27 Colour	£11.73
No.31 Photo	£11.73
No.32 Black	£11.73
No.33 Colour	£11.73
No.34 Black	£11.73
No.35 Colour	£12.71

### Lexmark Originals

No.1 Colour	£16.63
No.14 Black	£16.63
No.15 Colour	£18.58
No.17 Colour	£13.70
No.23 Black	£14.67
No.24 Colour	£16.63
No.27 Colour	£14.67
No.28 Colour	£13.70
No.29 Colour	£14.67
No.31 Photo	£24.46
No.32 Colour	£15.65
No.33 Colour	£17.61
No.34 Colour	£20.54
No.35 Colour	£24.46
No.36 Black	£16.63
No.37 Colour	£28.58
No.43 Colour	£22.51
No.44 Black	£18.58

Many more in stock!

### Brother Compatibles

LC900 Black	£3.90
LC900 CMY	£2.92
LC900 Set of 4	£11.73
LC970 Black	£3.90
LC970 CMY	£2.92
LC970 Set of 4	£11.73
LC1000 Black	£3.90
LC1000 CMY	£2.92
LC1000 Set of 4	£11.73
LC980 / 1100 Black	£3.90
LC980 / 1100 CMY	£2.92
LC980 / 1100 Set of 4	£11.73

Brother originals also in stock!

### Kodak Original Ink / Paper

PH40 Printer/Dock Ink/Paper	£14.67
G50 Printer/Dock G Ink/Paper	£14.67
ESP Black Series 10 Ink	£6.84
ESP Colour Series 10 Ink	£9.78
ESP Black & Colour Ink	£15.65

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As an **Ilford Pro Centre**, we stock the complete range of Ilford Galerie papers, including A2, 17, 24 and 44 inch rolls. Below is just a selection.

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Smooth Pearl 290g, A4, 100	£29.35
Smooth Pearl 290g, A3, 25 sheets	£21.52
Smooth Pearl 290g, A3+, 25 sheets	£23.48
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Gold Fibre Silk 310g, A3+, 50 sheets	£78.29
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Heavyweight Matt 200g, A3+, 50 sheets	£27.39
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Smooth Fine Art 190g, A3+, 10 sheets	£23.48
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2GB Kingston DataTraveler	£6.84
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8GB Kingston DataTraveler	£16.63
16GB Kingston DataTraveler	£29.35

Please check our website for the full range, and up-to-date pricing

**Memory Cases**

A range of protective shock-resistant rubber lined memory card cases to keep your memory cards safe and secure.

**Vanguard 3D**  
4 cards, with keychain  
£2.92

**Kenro MC5**  
2 cards, 8 AA batteries  
£6.84

## BATTERIES

### Camera Batteries

A comprehensive range of rechargeable Li-ion batteries. Manufactured by respected independent battery manufacturers Energizer and Duracell. All batteries come with a 2 year guarantee.

NB-1L for Canon	£9.78
NB-2L/LH for Canon	£9.78
NB-3L for Canon	£9.78
NB-4L for Canon	£9.78
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NB-6L for Canon	£9.78
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LP-E5 for Canon	£12.71
NP20 for Casio	£9.78
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NP60 for Casio	£9.78
NP40 for Fuji	£9.78
NP45 for Fuji	£9.78
NP50 for Fuji	£9.78
NP60 for Fuji	£9.78
NP70 for Fuji	£9.78
NP80 for Fuji	£9.78
NP95 for Fuji	£9.78
NP120 for Fuji	£9.78
NP140 for Fuji	£12.71
NP150 for Fuji	£14.67
NP200 for Minolta	£9.78
NP400 for Minolta	£12.71
EN-EL1 for Nikon	£9.78
EN-EL2 for Nikon	£9.78
EN-EL3/3A for Nikon	£9.78
EN-EL3C for Nikon	£17.61
EN-EL5 for Nikon	£9.78
EN-EL7 for Nikon	£19.56
EN-EL8 for Nikon	£9.78
EN-EL9 for Nikon	£12.71
EN-EL10 for Nikon	£9.78
EN-EL11 for Nikon	£9.78
EN-EL12 for Nikon	£9.78
LI10B/12B for Olympus	£9.78
LI40B/42B for Olympus	£9.78
LI50B for Olympus	£9.78
BLM-1 for Olympus	£12.71
BLS-1 for Olympus	£12.71
CGA-S005 for Panasonic	£9.78
CGR-S006 for Panasonic	£9.78
CGA-S007 for Panasonic	£9.78
CGA-S008 for Panasonic	£9.78
D-Li8 for Pentax	£9.78
D-Li50 for Pentax	£12.71
D-Li78 for Pentax	£9.78
DB60 for Ricoh	£9.78
DB70 for Ricoh	£9.78
SLM-1137D for Samsung	£12.71
SLM-1674 for Samsung	£12.71
BD-1 for Sony	£19.56
BG-1 for Sony	£19.56
NP-FM55H for Sony	£19.56
NP-FM500H for Sony	£22.51

Many more batteries in stock!

**Battery Grips**

A range of professional battery grips from Hahnel. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

For Canon 30/40/50D:	£99.82
+1x BP-511: £11.82 +2x BP-511: £23.62	
For Canon 350/400D:	£59.69
+1x NB-2L: £8.80 +2x NB-2L: £17.60	
For Canon 450/500/1000D:	£69.48
+1x LP-E5: £8.48 +2x LP-E5: £16.96	
For Nikon D40/D60:	£59.69
+1x EN-EL3: £7.69 +2x EN-EL3: £15.38	
For Nikon D80/D90:	£89.05
+1x EN-EL3E: £18.48 +2x EN-EL3E: £36.96	
For Nikon D300/D700:	£138.97
+1x EN-EL3E: £13.97 +2x EN-EL3E: £27.94	
For Sony A200/A350:	£74.37
+1x EN-EL3: £9.37 +2x EN-EL3: £18.74	

Many more batteries in stock!

**Universal Charger**

The NEW Hahnel UniPal charger is able to charge AA, AAA, Li-ion batteries, cameras, phones, iPods and more! Main power cable, plus 12V car charger. Full details on our website.

£29.99

**Li-Ion Charger**

A universal Li-Ion charger, able to charge most camera batteries. Mains cable, plus 12V car charger.

£14.99

**Coin Cells, etc**

A comprehensive range of specialist batteries - see our website for full range.

CR123A Energizer Lithium (1)	£1.94
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2CR5 Energizer Lithium (1)	£3.90
CRV3 Energizer Lithium (1)	£5.87
LR44 Energizer Alkaline (2)	£1.94
CR2025, CR2032 etc	£1.94

Full range of coin cells in stock

## SQUARE FILTERS

### P-Type Filter System

The P-Type square/rectangular filter system consists of three parts:  
1) An adapter ring that screws onto the front of your lens  
2) A filter holder clips onto the ring  
3) One or more P-Type (84mm wide) filters

<b>P-Type Adapter Rings</b>	
49mm Adapter Ring	£4.89
52mm Adapter Ring	£4.89
55mm Adapter Ring	£4.89
58mm Adapter Ring	£4.89
62mm Adapter Ring	£4.89
67mm Adapter Ring	£4.89
72mm Adapter Ring	£4.89
77mm Adapter Ring	£4.89
82mm Adapter Ring	£4.89

<b>P-Type Holders</b>	
Holder Standard	£5.87
Holder Wide Angle	£9.78
Hood Modular	£9.78
Hood Bellows	£34.25
A to P Type Adapter	£9.78

<b>P-Type Bellows Hood</b>	
A new design of Bellows Hood that slots into the front of a standard P-Type Holder.	£34.25

<b>P-Type Filter Wallet</b>	
A smooth cushioned filter wallet, to protect and store up to 6 P-Type filters	£9.78

We also stock Z-Pro (100mm) and A-Type (67mm) filters, holders and adapter rings

**P-Type Neutral Density Filter Kit** £39.95  
Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND2 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm). Just £39.95 - saving £5 on the individual prices.

## LENS HOODS & CAPS

### Bayonet-Fit Lens Hoods

ES-62 Canon 50/1.8	£12.71
ES-71II Canon 50/1.4	£12.71
ET-60 Canon 75-300/4-5.6	£12.71
ET-65B Canon 70-300/4-5.6	£12.71
ET-65III Canon 85/1.8	£13.70
ET-67 Canon 100/2.8 Macro	£13.70
ET-67B Canon 60/2.8	£13.70
EW-60C Canon 18-55	£9.78
EW-63B Canon 28-105	£12.71
EW-73B Canon 17-45	£13.70
EW-78BII Canon 28-135	£13.70
EW-78D Canon 18-200	£12.71
EW-83E Canon 17-40/4.0	£14.67
EW-83F Canon 24-70/2.8	£17.61
EW-83J Canon 17-55/2.8	£15.65
HB-25 Nikon 24-65, 24-120	£14.67
HB-32 Nikon 18-105, 18-135	£9.78
HB-45 Nikon 18-55	£9.78

Many more sizes in stock!

**Screw-Fit Lens Hoods**

52mm Shaped Petal Hood	£6.84
55mm Shaped Petal Hood	£6.84
58mm Shaped Petal Hood	£6.84
62mm Shaped Petal Hood	£7.82
67mm Shaped Petal Hood	£7.82
72mm Shaped Petal Hood	£9.78
77mm Shaped Petal Hood	£9.78
82mm Shaped Petal Hood	£11.73
46mm Rubber Hood	£3.90
49mm Rubber Hood	£3.90
55mm Rubber Hood	£3.90
58mm Rubber Hood	£3.90
62mm Rubber Hood	£4.89
67mm Rubber Hood	£4.89
72mm Rubber Hood	£5.87
77mm Rubber Hood	£5.87

**Lens Caps**

30mm, 37mm, 40mm, 43mm, 46mm, 49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm, 82mm, 86mm, 95mm	£3.90 each
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We also stock a range of body caps and rear lens caps for Canon, Nikon, Olympus, Sony, Pentax, etc

## SPIRIT LEVELS

### Hot Shoe Spirit Level

This double-axis spirit level simply mounts onto the hot shoe of any standard SLR or DSLR camera.

Not suitable for Sony or Minolta cameras.  
£8.80

### Seruleine Digital Spirit Level

A digital spirit level that mounts onto the hot shoe in the usual manner, and uses LEDs to confirm when the camera is perfectly level.

£29.35

## CLEANING

### Cleaning Kit

4-in-1 lens cleaning kit: blower brush, lens solution, lint free tissues, and pack of cotton cleaning buds.  
£3.90

Small Hurricane Blower £1.94  
Large Hurricane Blower £3.90

### Kenair

Kenair compressed air is used to blow dust, fluff and other unwanted particles from your delicate camera equipment and accessories.

Kenair Master Kit £13.70  
Kenair Spare Aerosol £7.82

### Spudz

6x6 inch £4.49  
10x10 inch £5.99

## SCREW-TYPE FILTERS

### KOOD

Japanese Optical Glass Filters  
Coated to reduce lens flare and reflections.

#### UV / Haze Filters

Used both to protect the lens of your camera, and to absorb ultraviolet rays that can cause photos to appear hazy.

46mm UV / Haze	£5.87
52mm UV / Haze	£5.87
55mm UV / Haze	£5.84
58mm UV / Haze	£7.82
62mm UV / Haze	£8.80
67mm UV / Haze	£9.78
72mm UV / Haze	£11.73
77mm UV / Haze	£14.67
82mm UV / Haze	£17.61
86mm UV / Haze	£22.51

More sizes in stock, from 24 to 96mm!

#### Circular Polarising Filters

These remove reflections from surfaces such as glass and water, as well as increasing contrast and saturation.

46mm Circular Polarizing	£17.61
52mm Circular Polarizing	£17.61
55mm Circular Polarizing	£19.56
58mm Circular Polarizing	£21.52
62mm Circular Polarizing	£24.46
67mm Circular Polarizing	£27.39
72mm Circular Polarizing	£34.25
77mm Circular Polarizing	£39.13
82mm Circular Polarizing	£44.03
86mm Circular Polarizing	£48.93

More sizes in stock, from 27 to 96mm!

#### Skylight Filters

These work in a very similar way to a UV filter, but have a pinkish tinge to add a gentle warmth to your photos.

46mm Skylight	£6.84
52mm Skylight	£6.84
55mm Skylight	£7.82
58mm Skylight	£8.80
62mm Skylight	£9.78
67mm Skylight	£10.75
72mm Skylight	£12.71
77mm Skylight	£15.65
82mm Skylight	£18.58
86mm Skylight	£24.46

More sizes in stock, from 30 to 105mm!

#### Neutral Density Filters

Used to reduce the amount of light passing through the lens, reducing shutter speed without affecting colour contrast or balance. Available as ND4 (2 stop) and ND8 (4 stop).

52mm ND4 / ND8	£10.75
55mm ND4 / ND8	£12.71
58mm ND4 / ND8	£14.67
62mm ND4 / ND8	£16.63
67mm ND4 / ND8	£19.56
72mm ND4 / ND8	£24.46
77mm ND4 / ND8	£29.35

More sizes in stock, from 37 to 82mm!

#### Starburst Filters

These add a dramatic star cross flare to bright light sources, such as streetlights. They also give a slight soft focus effect.

52mm Starburst x4/5/8, each	£11.73
58mm Starburst x4/5/8, each	£15.65
67mm Starburst x4/5/8, each	£21.52
72mm Starburst x4/5/8, each	£27.39

More sizes in stock, from 46 to 82mm!

We stock many other filter types, including multi-image, fog, split-field, red, orange, yellow and green filters in a range of sizes.

## MARUMI

Marumi Digital High Grade (DHG) filters have an extra-thin, low-profile frame, to help prevent vignetting. Multiple digital anti-reflection coatings and black-rimmed Japanese optical glass, combined with a satin frame, further reduce unwanted reflections, ghosting and flare.

#### DHG Lens Protection

52mm DHG Lens Protect	£11.73
55mm DHG Lens Protect	£12.71
58mm DHG Lens Protect	£13.70
62mm DHG Lens Protect	£14.67
67mm DHG Lens Protect	£16.63
72mm DHG Lens Protect	£19.56
77mm DHG Lens Protect	£22.51
82mm DHG Lens Protect	£27.39

All just £4.89 each!

#### DHG Circular Polarizers

52mm DHG Circ. Polarizing	£32.29
55mm DHG Circ. Polarizing	£35.22
58mm DHG Circ. Polarizing	£37.18
62mm DHG Circ. Polarizing	£42.08
67mm DHG Circ. Polarizing	£45.01
72mm DHG Circ. Polarizing	£51.86
77mm DHG Circ. Polarizing	£56.76
82mm DHG Circ. Polarizing	£69.48

## STEPPING RINGS

### Step-Up and Step-Down Rings

Stepping rings are used to "step-up" or "step-down" from one filter thread size to another.

27-30mm	52-46mm	58-55mm	67-58mm
34-37mm	52-55mm	58-62mm	67-62mm
37-43mm	52-58mm	58-67mm	67-77mm
43-46mm	55-52mm	62-58mm	72-67mm
46-49mm	55-58mm	62-67mm	72-77mm
49-52mm	58-52mm	62-72mm	77-72mm

All just £4.89 each!

This is just a tiny fraction of our range. Over 160 different sizes in stock, from 25mm to 105mm. Probably the largest selection in the UK.

## S7 / T2 / REVERSING RINGS

#### Reversing Rings





## Lowering the Cost of Photography

We are a small family owned and run company, specialising in photographic consumables. We are based in Leamington Spa, in the heart of Warwickshire - if you are passing, or live close by, please pop into our shop, and meet Judy - our office dog!

Premier Ink & Photographic, Longfield Road, Sydenham Industrial Estate, Leamington Spa, Warwickshire. CV31 1XB.

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)

### FLASH DIFFUSERS

#### Inverted Dome Pro Flash Diffuser Set

Comprising a clear vinyl body that simply slips onto the head of the flash gun, and an inverted frosted dome that clips onto the front.

In addition to diffusing the flash directly hitting your subject, the inverted dome spreads light evenly through the sides of the clear vinyl body, lighting up the surrounding environment, thus producing a natural soft daylight effect. Especially useful for shooting interiors and portraits, and is a firm favourite with wedding photographers.

Supplied with four domes - neutral, yellow, amber and blue, giving you a full range of natural, cool, or warm-up tones. Available in four sizes, to fit the heads of most flash guns:

Size 1: 62-65 x 39-42mm Nikon SB600, SB800, etc  
Size 2: 64-68 x 35-38mm Canon 420EX, 430EX, etc  
Size 3: 68-72 x 48-49mm Nikon SB600, 27, 28, etc  
Size 4: 73-77 x 46-49mm Canon 580EX, 580EX, etc

£29.95



#### Bounce Flash Diffuser

These popular, simple opaque plastic diffusers simply fit onto the front of your flash gun, creating a diffused but effective with even coverage. Huge range available for Canon, Nikon, Sony, Olympus, Pentax, Metz & Nissin. Below is just a sample of the range available:

380: (for Canon 380EX)  
420: (for Canon 420EX)  
430: (for Canon 430EX, 430EXII)  
580: (for Canon 580EX, 580EXII)  
600: (for Nikon SB600)  
800: (for Nikon SB800)  
900: (for Nikon SB900)

£10.95

#### Camera Built-in Flash Diffuser Set

A flash diffuser that slots onto the camera hotshoe, and mounts a contoured diffuser plate in front of the built-in flash on SLR cameras. Not compatible with Sony cameras.

£9.95

Height adjustable, and supplied with neutral, amber, and blue diffuser plates.

### RING FLASH

#### Marumi DRF14 Ring Flash

The highly-acclaimed Marumi Ring Flash is a true ring flash - it consists of a main control unit and a separate ring light which connects to the lens filter thread. This unit is ideal for Macro/Close-up photography due to the flash being positioned directly between the camera and subject allowing for even illumination. The flash has a 14mm/ISO100 guide number and features auto TTL exposure. The lens mount is 52mm, slip up rings are also supplied for 55mm, 58mm, 62mm and 67mm filters. Available in Nikon Fit, with TTL metering and Canon Fit, with E-TTL and E-TTL II metering.

£109.95



### FLASH GUNS

## Nissin SPECIAL OFFER



**TWENTY FREE AA BATTERIES**  
...worth £15 with every Nissin Flash Gun!

#### Nissin Di466 Speedlite (GN:33)

An advanced and versatile flash gun, with a guide number of 33m/ISO100, 46m/ISO200 at 1/160sec. Incredible specification, including bounce and swivel flash head, wide angle diffuser and catch light reflector, wireless remote slave flash on manual mode and energy saving auto-off circuit.

Available in Nikon Fit, with TTL metering and Canon Fit, with E-TTL and E-TTL II metering.

RRP: £149.95 Save: £60.00  
**£89.95**

**TWENTY FREE AA BATTERIES**



#### Nissin Di622 Speedlite (GN:44)

An impressively powerful flash gun, with a guide number of 44m/ISO100, 62m/ISO200 at 1/160sec. Incredible specification, including bounce and swivel flash head, wide angle diffuser and catch light reflector, wireless remote slave flash with power ratio, active AF assist light and energy saving auto-off circuit.

Available in Nikon Fit, with TTL metering and Canon Fit, with E-TTL and E-TTL II metering.

RRP: £169.95 Save: £70.00  
**£99.95**

**TWENTY FREE AA BATTERIES**



#### Nissin Di866 Speedlite (GN:60)

The Nissin Di866 Professional Flashgun is an extremely powerful flashgun (guide number of 60m/ISO100) with an easy to read colour LCD panel, making this advanced unit very easy to use. Designed for use with Canon and Nikon digital SLRs, the Nissin Di866 fully supports Canon's E-TTL and Nikon's i-TTL functionality with the option for full manual overrides. Covering a range of focal lengths from 24-105mm and including a secondary fit in flash unit, the Nissin Di866 is the flashgun professionals have been waiting for. A built in USB port means upgrades can be downloaded via an internet connection.

Available in Nikon Fit, with TTL metering and Canon Fit, with E-TTL and E-TTL II metering.

**£259.95**

**TWENTY FREE AA BATTERIES**



#### Nissin SC-01 Universal Flash Shoe Cord

An incredibly useful Universal Flash Shoe Cord, with a 1.5m coiled cable, allowing off camera flash photography. It has a multiple pin configuration, allowing it to retain full TTL compatibility between cameras and flash on Canon, Nikon, Fujifilm, Pentax and Samsung DSLRs. The TTL shoe which fits to the main camera body features a secondary hot shoe enabling you to attach 2 flash units, one on the top of the camera and another off to the side.

£47.95



We stock Metz flash guns for Canon, Nikon, Sony, Samsung, Olympus and Pentax

#### 36 AF-4

Guide Number: 36m / ISO100

**£72.95**

#### 48 AF-1

Guide Number: 48m / ISO100

**£175.95**

#### 58 AF-1

Guide Number: 58m / ISO100

**£289.95**



### 1 tamrac



#### Expedition Backpack

Tamrac's famous range of Expedition backpacks have recently been upgraded and continue to lead the way in carrying huge amounts of camera kit in comfort!

Expedition 4X £77.95  
Expedition 5X £90.95  
Expedition 6X £103.95  
Expedition 7X £129.95  
Expedition 8X £149.95



#### Velocity Sling

A unique design of sling backpack, that opens away from your body for even faster access to your gear!

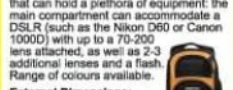
Velocity 6X £29.95  
Velocity 7X £36.95  
Velocity 8X £42.95  
Velocity 9X £49.95  
Velocity 10X £59.95



#### Aero Speed Pack

Dual access, dual compartment photo backpacks, with front and side openings.

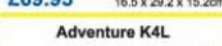
SpeedPack 75 £54.95  
SpeedPack 85 £74.95



#### Adventure K3L

A spacious camera section at the bottom, separate daypack section at the top, and dedicated 15.4" laptop compartment behind. Hidden rain cover, tripod carrying system, padded shoulder, waist and chest belts. Far too many features to list!

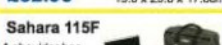
External Dimensions: 30.5 x 36.8 x 48.3cm  
Interior Dimensions: 28.0 x 3.8 x 35.5cm  
Laptop Compartment: 16.5 x 29.2 x 15.2cm



**£69.95**

#### Adventure K4L

A larger version of the K3L, able to accommodate most 17" laptops. External Dimensions: 33.0 x 35.6 x 52.1cm  
Interior Dimensions: 33.0 x 3.8 x 40.6cm  
Camera Compartment: 19.0 x 29.8 x 17.8cm



**£82.95**

Sahara 115F  
A shoulder bag large enough to take a 15.4" laptop.

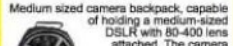


**£59.95**

#### UrbanGear U30

The U30 is a lightweight camera backpack that can hold a plethora of equipment: the main compartment can accommodate a DSLR (such as the Nikon D60 or Canon 1000D) with up to a 70-200 lens attached, as well as 2-3 additional lenses and a flash. Range of colours available.

External Dimensions: 25.4 x 29.2 x 20.3cm  
Internal Dimensions: 22.9 x 26.7 x 11.4cm

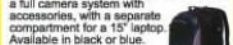


**£32.95**

#### UrbanGear U60

Medium sized camera backpack, capable of holding a medium-sized DSLR with 80-400 lens attached. The camera compartment is also removable. Available in black or blue.

External Dimensions: 30.5 x 26.0 x 19.0cm  
Internal Dimensions: 26.7 x 24.8 x 12.7cm

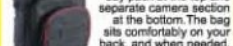


**£47.95**

#### UrbanGear U120

Large camera backpack, capable of holding a full camera system with accessories, with a separate compartment for a 15" laptop. Available in black or blue.

External Dimensions: 44.5 x 31.8 x 26.6cm  
Internal Dimensions: 36.2 x 26.7 x 13.3cm



**£69.95**

### VANGUARD

#### Vanguard Peking Shoulder Bag

Shoulder bags, with separate carrying handle and shoulder strap. Capable of carrying most DSLRs with kit lens attached. Two separate compartments keep your accessories safe, dry and protected. Phenomenal value!

Peking 21 £18.95  
External Dimensions: 29.0 x 22.0 x 17.0cm  
Internal Dimensions: 21.0 x 15.0 x 11.0cm

Peking 25 £21.95  
External Dimensions: 34.0 x 23.0 x 19.5cm  
Internal Dimensions: 25.0 x 17.0 x 12.0cm



#### Vanguard Pampas Sling Backpack

A range of innovative sling backpacks, with day pack at the top and separate camera section at the bottom. The bag sits comfortably on your back, and when needed, it revolves round to your front for easy access to your camera, without having to take the bag off.

Pampas 37 £29.95  
External Dimensions: 34.0 x 21.5 x 21.5cm  
Internal Dimensions: 17.0 x 19.0 x 13.0cm

Pampas 57 £39.95  
External Dimensions: 44.5 x 24.0 x 22.0cm  
Internal Dimensions: 30.0 x 22.0 x 15.0cm



### LIGHT METERS

### SEKONIC



**Sekonic L208 TwinMaster**  
Analogous, incident and reflected, ambient light only.

**£69.95**



**Sekonic L308S FlashMate**  
Digital, incident and reflected, ambient and flash light.

**£129.95**



**Sekonic L358 FlashMaster**  
Digital, incident and reflected, simultaneous ambient and flash light, rotating head.

**£209.95**

We are an official Authorised Sekonic Demonstration Centre, and have the Sekonic range on display and available for demonstration in our showroom in Leamington Spa.

**Sekonic L398A Deluxe III**

**£132.95**

**Sekonic L758DR DigitalMaster**

**£439.95**

### CAMERA BAGS



#### Kata 3-N-1 Sling

This unique range of bags provides three carrying options in one, morphing from sling to backpack and back again quickly and easily by use of its quick release buckles.

In sling position, the bag easily swings around from back to front to achieve quick draw access to your main camera and lens.

In backpack position you can comfortably carry your equipment for long distance walking when needed. The included chest belt and balancing hip strap helps take the load of your heavy equipment off your shoulders.

Arrange your equipment in the bottom main compartment of the pack taking full advantage of the modular dividers to custom fit the bag to your exact equipment.

The large top compartment will hold personal gear or additional gear, and the internal pockets and MP3 player pouch will allow you to organize your personal effects as efficiently as your photographic gear. Two external pockets allow quick zippered access to accessories without opening the main compartments. The included rain cover folds neatly away into an integrated pocket and can be hung out to dry on the main buckle next to the handle, or tucked away for storage in one of the pockets.



Left Sling Mode Backpack Mode Right Sling Mode

#### Kata 3-N-1 10

External Dimensions: 41.0 x 22.0 x 16.5cm

Internal Dimensions: 28.5 x 19.0 x 15.0cm

#### Kata 3-N-1 20

External Dimensions: 44.0 x 23.5 x 19.0cm

Internal Dimensions: 31.5 x 22.0 x 16.0cm

#### Kata 3-N-1 30

External Dimensions: 45.0 x 32.0 x 19.0cm

Internal Dimensions: 32.5 x 29.5 x 16.0cm

**£63.95**

**£71.95**

**£86.95**

**£67.95**

#### Kata DPS Digital Rucksack

The Kata DPS Digital Rucksack gives top level protection to two DSLRs with mounted lenses, 3-4 single lenses, a flash, as well as your personal items. The rucksack can be converted from a camera bag into a daypack when not shooting by removing the padded bottom camera insert. When used as a camera bag, the main compartment will hold your DSLR in a top grip position while the modular dividers system separates, organises and protects your lenses, flashes and other accessories. There is an included rain cover which folds neatly away, and an ergonomic chest belt and balancing waist strap for maximum comfort while transporting your gear.

DPS 465 £51.95

DPS 466 £59.95

DPS 467 £67.95



## Billingham SPECIALISTS

We are proud to announce that we have been appointed as an Authorised Billingham Specialist Centre.

Billingham's exquisite range of hand-made camera bags are now on display in our recently-extended showroom in Leamington Spa. If you are considering investing in a professional camera bag that will protect your equipment for many years to come, we strongly recommend first-hand inspection of the Billingham range - only then can Billingham's preoccupation with excellence and attention to detail be fully appreciated.

#### The Hadley Pro

Based on the Hadley Original, the Hadley Pro features a number of additional features, including a carrying handle and waterproofed zippered back pocket. Available in Khaki & Tan, Sage & Tan, Black & Tan, and Black & Black.

**£119.95**

**£119.95**

**£119.95**

**£119.95**

**£119.95**

**£119.95**

**£119.95**

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**£119.95**

**£119.95**

**£119.95**

#### The Billingham 5 Series

A firm favourite with serious photographers the world over, the "5 Series" range comprises four sizes of bag, available in Khaki & Tan, Black & Tan, and Black & Black.

**£179.95**

**£189.95**

**£214.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**

### WIRELESS TRIGGERS

#### PocketWizard

Full range of PocketWizard triggers and cables in stock.

**IN STOCK NOW!**

It's been a long wait, but finally the new PocketWizard Mini TT1 and Flex TT5 are here!

Stock is limited - so be quick!

**£169.95**

**£319.95**

**£229.95**

**£209.95**

**£229.95**

**£229.95**

**£229.95**

**£229.95**



# Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.72 per order. All prices include VAT at 15%, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, [www.premier-ink.co.uk](http://www.premier-ink.co.uk), over the telephone, 01926 339977, by post, or by visiting our new showroom: Premier Ink & Photographic, Longfield Road, Sydenham Industrial Estate, Leamington Spa, Warwickshire. CV31 1XB.

**01926 339977** **[www.premier-ink.co.uk](http://www.premier-ink.co.uk)**



**Premier**  
Ink & Photographic

## TRIPODS, MONOPODS & HEADS

**Manfrotto**  
Exquisite Italian design, beautifully engineered.  
The unique C&O system allows the central column to be positioned vertically or horizontally.

### MANFROTTO TRIPODS

<b>190XPROB Tripod</b> Aluminium 3-section legs, C&O column Weight: 1.85kg Load: 5.0kg Folded: 57cm Height: 146cm <b>£92.95</b>	<b>055XPROB Tripod</b> Aluminium 3-section legs, C&O column Weight: 2.40kg Load: 7.0kg Folded: 65cm Height: 178cm <b>£115.95</b>
<b>190XB Tripod</b> Aluminium 3-section legs, standard column Weight: 1.80kg Load: 5.0kg Folded: 53cm Height: 146cm <b>£87.95</b>	<b>055XB Tripod</b> Aluminium 3-section legs, standard column Weight: 2.30kg Load: 7.0kg Folded: 61cm Height: 178cm <b>£107.95</b>
<b>190CXPRO3</b> Carbon Fibre 3-section legs, C&O column Weight: 1.29kg Load: 5.0kg Folded: 58cm Height: 146cm <b>£209.95</b>	<b>055CXPRO3</b> Carbon Fibre 3-section legs, C&O column Weight: 1.70kg Load: 8.0kg Folded: 65cm Height: 178cm <b>£259.95</b>
<b>190CXPRO4</b> Carbon Fibre 4-section legs, C&O column Weight: 1.34kg Load: 5.0kg Folded: 50cm Height: 146cm <b>£191.95</b>	<b>055CXPRO4</b> Carbon Fibre 4-section legs, C&O column Weight: 1.65kg Load: 8.0kg Folded: 65cm Height: 178cm <b>£249.95</b>

### MANFROTTO MONOPODS

<b>679B Monopod</b> Aluminium 3-section Weight: 0.60kg Load: 10.0kg Folded: 64cm Height: 162cm <b>£34.95</b>	<b>680B Monopod</b> Aluminium 4-section Weight: 0.83kg Load: 10.0kg Folded: 51cm Height: 154cm <b>£41.95</b>	<b>681B Monopod</b> Aluminium 3-section Weight: 0.78kg Load: 12.0kg Folded: 67cm Height: 161cm <b>£42.95</b>
<b>776YB Monopod</b> Aluminium 4-section Weight: 0.33kg Load: 4.5kg Folded: 48cm Height: 152cm <b>£29.95</b>	<b>694CX Monopod</b> Carbon Fibre 4-section Weight: 0.59kg Load: 5.0kg Folded: 54cm Height: 165cm <b>£119.95</b>	<b>695CX Monopod</b> Carbon Fibre 5-section Weight: 0.60kg Load: 5.0kg Folded: 47cm Height: 160cm <b>£129.95</b>

### MANFROTTO HEADS

<b>482 Ball Head</b> non quick-release 1/4" thread Weight: 0.12kg Load: 2.0kg <b>£23.95</b>	<b>234 Tilt Head</b> Ideal for monopods Weight: 0.27kg Load: 2.5kg <b>£14.95</b>	<b>234RC Tilt Head</b> with RC2 quick release Weight: 0.27kg Load: 2.5kg <b>£22.95</b>
<b>484RC2 Ball Head</b> with RC2 quick release Weight: 0.32kg Load: 4.0kg <b>£38.95</b>	<b>486RC2 Ball Head</b> with RC2 quick release Weight: 0.46kg Load: 6.0kg <b>£46.95</b>	<b>488RC2 Ball Head</b> with RC2 quick release Weight: 0.67kg Load: 8.0kg <b>£69.95</b>
<b>804RC2 Pan / Tilt</b> with RC2 quick release system Weight: 0.79kg Load: 4.0kg <b>£50.95</b>	<b>808RC2 Pan / Tilt</b> with RC2 quick release system Weight: 1.42kg Load: 8.0kg <b>£89.95</b>	<b>200P1.14 Plate</b> space quick release plate for heads using the RC2 system <b>£11.95</b>
<b>056 3D Head</b> non quick-release 1/4" thread Weight: 0.50kg Load: 3.0kg <b>£23.95</b>	<b>460MG 3D Head</b> magnesium, with quick release Weight: 0.43kg Load: 3.0kg <b>£61.95</b>	This is just a small selection of the Manfrotto range now available to try in our new showroom in Leamington Spa

## SHUTTER RELEASES

### hähnel

#### Hähnel Wireless Pro Remote Shutter Release

Ultra high frequency 433MHz professional radio remote control, with a range of up to 80 metres! Autofocus, Bulb Function and Continuous Shooting functions. 4 digit code selector allows individual codes to be set to eliminate interference from other sources.

Each kit contains a wireless transmitter, a receiver with camera shoe and connectors to allow it to plug into your camera, plus a short distance cable operated shutter release.

Available for Canon, Nikon, Sony, Olympus, Pentax and Samsung.

**£47.95**

#### Hähnel Cable Remote Shutter Release

An innovative cable remote control for digital SLRs, with interchangeable camera connectors and a 2 metre extension lead, giving the choice of shutter release from 0.8 or 2.8 metres. Autofocus, Bulb Function and Continuous Shooting functions.

**£19.95**

Available for Canon, Nikon, Sony, Olympus, and Pentax.

### Seculine

#### Seculine Twin-1 ISR Interval Shutter Release

The new Seculine Twin-1 ISR is a wired interval shutter release with a built in timer and large, clear, easy to read LCD display. Easy variable interval time setting - from 1 sec to 99 hours, 99 minutes and 99 seconds. Can be set to take up to 9999 shots in one session. Multiple exposure option. Convenient navigation button. Shutter lock for bulb shooting. Half shutter release control. Intuitive beep sound indication. Available for Canon, Nikon, Sony, Fuji, Pentax and Samsung.

**£49.95**

## VANGUARD

The 2009 TIPA "Best Accessory" award-winning Vanguard AltaPRO tripod range is set to revolutionise the way you think about tripods!

Unlike traditional tripods, the AltaPRO's Multi-Angle-Central-Column (MACC) allows the user to position the hexagonal central column at ANY angle from 0 to 130 degrees, without removing it from the tripod, while also allowing it to rotate a full 360 degrees! The clever Instant-Swivel-Stop-and-Lock (ISSL) mechanism allows photographers to securely reposition the central column in one simple movement, in a matter of seconds.

Other features include: Independent height and angle adjustable legs, patented magnesium die-cast canopy, spiked and rubber feet, non-slip rubberised foam leg warmers, anti-shock column ring - these are true professional specification tripods!



**£119.95**

### VANGUARD TRIPODS

<b>AltaPro 263A Tripod</b> Aluminium 3-section legs, magnesium canopy, Multi-Angle-Central-Column. Weight: 2.05kg Load: 7.0kg Folded: 63cm Height: 169cm <b>£119.95</b>	<b>AltaPro 264A Tripod</b> Aluminium 4-section legs, magnesium canopy, Multi-Angle-Central-Column. Weight: 2.10kg Load: 7.0kg Folded: 53cm Height: 159cm <b>£129.95</b>		
<b>AltaPlus 263A Tripod</b> Aluminium 3-section legs, magnesium canopy, standard central column. Weight: 1.59kg Load: 5.0kg Folded: 63cm Height: 181cm <b>£89.95</b>	<b>AltaPlus 264A Tripod</b> Aluminium 4-section legs, magnesium canopy, standard central column. Weight: 1.64kg Load: 5.0kg Folded: 53cm Height: 171cm <b>£99.95</b>		
<b>AltaPlus 233A</b> Aluminium 3-section legs, standard column. Weight: 1.21kg Load: 3.0kg Folded: 52cm Height: 142cm <b>£54.95</b>	<b>AltaPlus 235A</b> Aluminium 5-section legs, standard column. Weight: 1.17kg Load: 3.0kg Folded: 40cm Height: 122cm <b>£74.95</b>	<b>AltaPlus 224C</b> Carbon Fibre 4-section legs, standard column. Weight: 0.92kg Load: 3.0kg Folded: 41cm Height: 125cm <b>£179.95</b>	<b>AltaPlus 254C</b> Carbon Fibre 4-section legs, standard column. Weight: 1.24kg Load: 5.0kg Folded: 48cm Height: 153cm <b>£199.95</b>

### VANGUARD HEADS

<b>SBH30 Ball Head</b> Lightweight magnesium alloy, single adjuster knob, 2 spirit levels, quick release plate Weight: 0.22kg Load: 5.0kg  <b>£42.95</b>	<b>SBH50 Ball Head</b> Lightweight magnesium alloy, single adjuster knob, 2 spirit levels, quick release plate Weight: 0.25kg Load: 6.0kg  <b>£49.95</b>	<b>SBH100 Ball Head</b> Lightweight magnesium alloy, twin adjuster knobs, 2 spirit levels, quick release plate Weight: 0.39kg Load: 10.0kg  <b>£64.95</b>
<b>MONOPODS</b>		
<b>AP284 Monopod</b> Aluminium 4-section legs Weight: 0.51kg Load: 8.0kg Folded: 51cm Height: 157cm  <b>£33.95</b>	<b>PH21 Pan / Tilt</b> 2-way fluid head, magnesium, spirit level, quick release Weight: 0.35kg Load: 3.0kg  <b>£34.95</b>	<b>PH31 Pan / Tilt</b> 2-way fluid head, magnesium, spirit level, quick release Weight: 0.43kg Load: 5.0kg  <b>£54.95</b>
<b>AP324 Monopod</b> Aluminium 4-section legs Weight: 0.66kg Load: 12.0kg Folded: 57cm Height: 166cm  <b>£39.95</b>	<b>PH22 Pan / Tilt</b> 3-way fluid head, magnesium, spirit level, quick release Weight: 0.34kg Load: 3.0kg  <b>£34.95</b>	<b>PH32 Pan / Tilt</b> 3-way fluid head, magnesium, spirit level, quick release Weight: 0.42kg Load: 5.0kg  <b>£54.95</b>
This is just a small selection of the Vanguard range now available to try in our new showroom in Leamington Spa		

## KOOD

A range of sturdy, value-for-money Tripods, Monopods and Ball Heads.

### KOOD MONOPODS & TRIPODS

<b>C324 Monopod</b> Aluminium 3-section Weight: 0.57kg Load: 8.0kg Folded: 54cm Height: 169cm <b>£78.95</b>	<b>A284 Tripod</b> Aluminium 4-section Weight: 2.17kg Load: 8.0kg Folded: 58cm Height: 154cm <b>£73.95</b>	<b>CF284 Tripod</b> Carbon Fibre 4-section Weight: 1.69kg Load: 8.0kg Folded: 58cm Height: 160cm <b>£197.95</b>
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### KOOD HEADS

<b>BH02 Ball Head</b> Quick release plate, spirit level, 360 degree rotation, dual control knobs. Weight: 0.21kg Load: 6.0kg <b>£22.95</b>	<b>BH22 Ball Head</b> Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs. Weight: 0.40kg Load: 8.0kg <b>£31.95</b>	<b>BH52 Ball Head</b> Heavy duty sliding quick release plate, 360 degree rotation, triple control knobs. Weight: 0.37kg Load: 8.0kg <b>£33.95</b>
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## TrekTech

Trek Tech was formed in 2004 after the founders identified a market need based on personal outdoor experience - the need for a sturdy, lightweight, multi-purpose device with the functionality of both a tripod and trekking pole/hiking staff. The result is the TrekPod, a lightweight, height-adjustable walking/hiking staff, with a fully integrated tripod, and a magnetic quick-release ball head system called the MagMount. The unique MagMount quick release system incorporates a Neodymium "super magnet" as the initial connection between the ball head and a steel quick-release plate, called a MagAdapter, that screws into the bottom of your camera. A safety clip that stores below the ball head securely locks your device to the MagMount ball head. Each MagMount ball head is supplied with two MagAdapter quick release plates.

#### TrekPod II - £69.95

A refined version of the original TrekPod, using aircraft-grade aluminium alloy, it comes complete with a MagMount ball head, weighs 765g, and is capable of supporting a camera system weighing up to 4kg. Maximum height in tripod mode of 148cm, and a maximum height in monopod mode of 158cm. The TrekPod II collapses down to 90cm.

#### TrekPod GO - £129.95

The TrekPod GO is a more compact than the TrekPod II, collapsing down to just 58cm, yet still expanding to the same maximum height as the TrekPod II. Supplied with a travel case, it is small enough to qualify as aircraft hand luggage. Weighing 794g including the MagMount ball head that comes as part of the package, it is able to support 4kg.

#### TrekPod XL - £259.95

The TrekPod XL is the top of the range TrekPod. Utilizing Carbon Fibre tubes, this is the lightest TrekPod ever, weighing in at just 480g, yet retaining the same dimensions as the TrekPod GO. It includes the larger MagMount PRO ball head.

<b>MagMount</b> The original MagMount ball head. Weighing in at just 73g, it is capable of holding 4kg. <b>£24.95</b>	<b>MagMount STAR</b> The same size as a standard MagMount, with a Square Tooth Anti Rotation (STAR) connection surface between the ball head and the MagAdapter quick release plate. Weighing 79g, with a maximum load rating of 4kg. <b>£34.95</b>	<b>MagMount PRO</b> Utilising the same Square Tooth Anti Rotation system as the MagMount STAR, the MagMount PRO is a larger ball head, weighing 127g, and capable of holding an impressive 8kg. <b>£64.95</b>
<b>MagAdapter Light</b> <b>£5.95</b>	<b>MagAdapter Heavy</b> <b>£6.95</b>	<b>MagAdapter STAR</b> <b>£9.95</b>

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- Dual "DIGIC 4" processors for fast image processing to deliver 16.1 Megapixels images at 10fps.
- A newly developed 16.1 Megapixel CMOS sensor that's APS-H format for a 1.3x lens crop.
- A 63-zone metering system that's linked to the 45 AF points.
- Three RAW image sizes - RAW, S-Raw and the new M-Raw setting (approximately 9 Megapixels) - and four JPEG sizes.
- A 100% viewfinder with a 0.76x magnification and a 28.3 degrees angle of view.
- Full HD EOS Movie capabilities with full manual control of exposure settings and user selectable frame rates.
- A total of 62 custom functions, including new functions for microadjustments of exposure and flash exposure.
- The EOS-1D Mark IV lets you input your copyright information directly into the camera - this is then automatically saved to every image you take.
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  - Picture Control: Standard, Vivid, Neutral and Monochrome (Landscape and Portrait can be downloaded from Nikon website)
- Quick response with approx. 0.12 seconds start-up time and approx. 0.04 seconds shutter-release time lag
- 9-frames-per-second shooting rate in FX format, 11 fps in DX crop (CIPA Guidelines)
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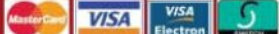
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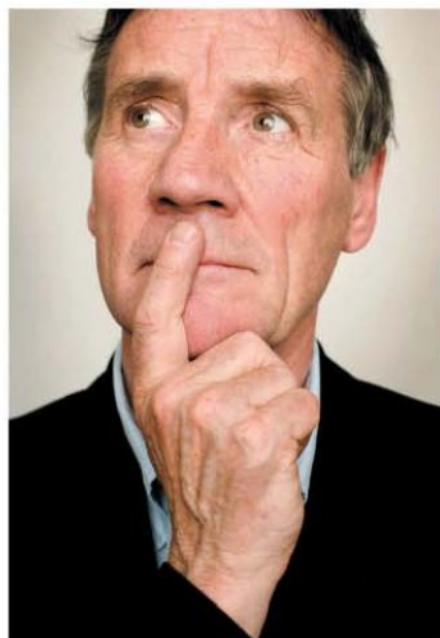
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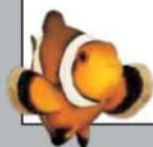
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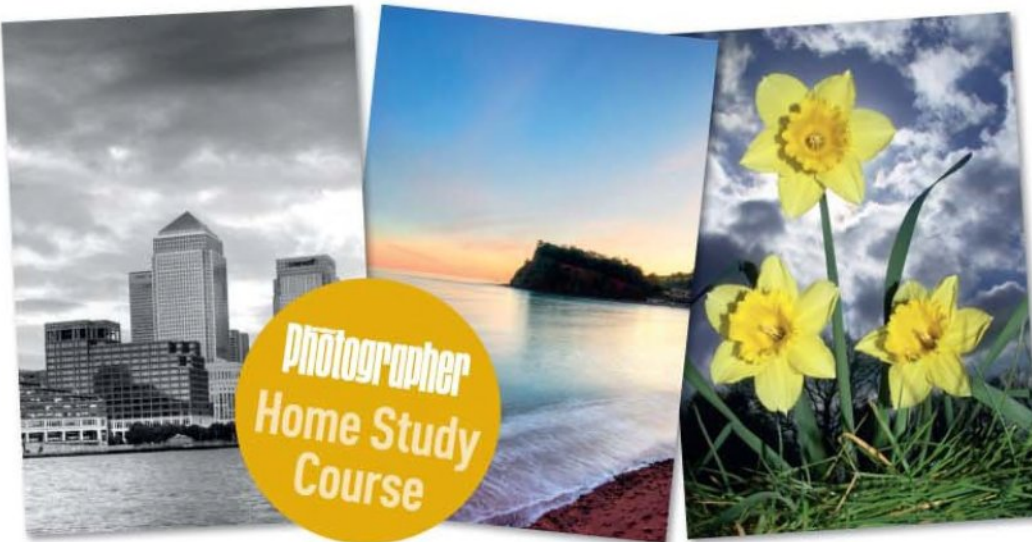
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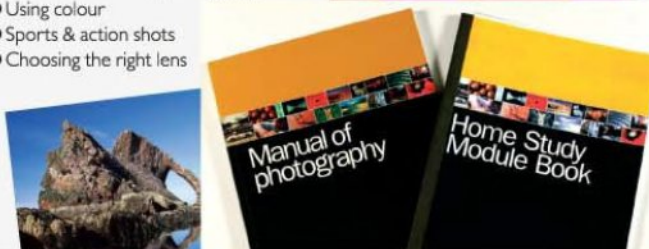
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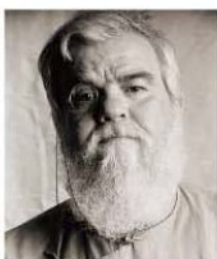
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# Roger Hicks

## HAVE YOU EVER THOUGHT OF GIVING UP PHOTOGRAPHY – OR PERHAPS EVEN TAKING IT UP?



**ROGER HICKS** is a much-published author on photography. He has written more than three dozen books on the subject, many in partnership with his wife, Frances Schultz. Roger started photography as a teenager in the 1960s and worked professionally in a London advertising studio in the mid-1970s. He has been a freelance photographer/writer since 1981, contributing to many photography magazines, including 'Shutterbug' in America. Visit his website at [www.rogerandfrances.com](http://www.rogerandfrances.com).

**G**IVING up photography is easy to contemplate, at least in the abstract: you just stop taking pictures. If you want to underline the decision, you sell or give away your camera(s). Most of us have thought about this from time to time, even if only fleetingly, especially when we are faced with some form of heavy expenditure of time or money. If we didn't take pictures, or at least if we only took snapshots on a point-and-shoot model, we'd have more time and more money. Sometimes, too, we get dispirited: our pictures seem dull, repetitive and lifeless, and we can't see how they are going to get better. Some people do give

up photography, though for obvious reasons they are unlikely to be among those reading this column.

Taking up photography is another matter. Surely we all have? I mean, we've got the cameras, we take pictures, we read AP. What's to take up?

This takes us straight back to the problem of our pictures being dull, repetitive and lifeless. If they really are, and we're not just being too hard on ourselves, then *why* are they dull, repetitive and lifeless? Is it because we're not taking our photography seriously enough? Is it because we're just going through the motions?

What prompted this was an email from someone who wanted to know what software I'd used to create the irregular frames around the black & white prints in the China gallery on my website. He also admired the tonality. I wrote and explained that it wasn't software at all: it was a crudely filed-out negative carrier on our Meopta Magnifax, so we could print the entire frame. I also said they were real wet prints from real film: Ilford HP5 Plus and Kodak Tri-X printed on Ilford Multigrade Warmtone. Frances and I agree that they are among our favourite pictures.

We also agree, though, that we did not like being in China. Sure, we met (and were entertained by) many charming and friendly people, but politically the country is both vicious and naive. If you don't think this could make much difference, you ought to talk to some Tibetans, or to those Chinese who maintain that Tibet (or Uighurstan or Mongolia or indeed about 60% of the land area claimed by the Chinese Empire) is 'an inalienable part of China'. Regardless of which side you take, an absolute refusal to allow any discussion on the matter is not healthy. Nor is it healthy to lie to your own people. We talked to a young Chinese woman who sincerely believed that Tibetan is 'only a dialect' of Chinese, because that was what she had been taught in school.

The point here, however, is not to blackguard China. The point is that we were uncomfortable, and we got some very good pictures. The same happened in Istanbul. We didn't like the place, but we got good pictures. In Hungary, by contrast,

where we are very comfortable, our pictures tend to be more anodyne – though we have quite a few good pictures on the other side of the Romanian border in Transylvania, which is historically Hungarian.

**I'm beginning to suspect that there are significant dangers in getting too comfortable in photography, or indeed, in anything**

On a really trivial scale, there are the Rencontres in Arles, France, every July. I always get pictures I like, even though it's stinking hot and we stay on the third floor of an hotel with no lift, and at least half the exhibitions are rubbish (though at least 10% are wonderful).

For that matter, if I look at my black & white images, I tend to like them more than my colour photographs. Why? Because with colour (digital), I know the image is there, on the back of the Leica M8.2. With black & white, I have to wait (and none of us likes waiting), process the film (which frankly I find drudgery) and take a lot of care (we live in a very hard-water area). There's that slight dimension of discomfort again.

I'm beginning to suspect, therefore, that there are significant dangers in getting too comfortable in photography, or indeed, in anything. We (or at least I) need that edge of discomfort, however we acquire it, to push us out of our groove. Being prepared to face up to that discomfort and shoulder it is perhaps what I mean by 'taking up photography'. I just wonder if I'm brave enough to do it. **AP**

### Editorial

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